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UNITED STATES DEPARTMENT OF AGRICULTURE

Bureau of Agricultural Economics



Agricultural Economics Bibliography No. 78

RURAL PSYCHOLOGY

A Partial List of References

Compiled by Margaret T. Olcott
Under the Direction of Mary G. Lacy, Librarian
Bureau of Agricultural Economics

Washington, D. C.
March 1939

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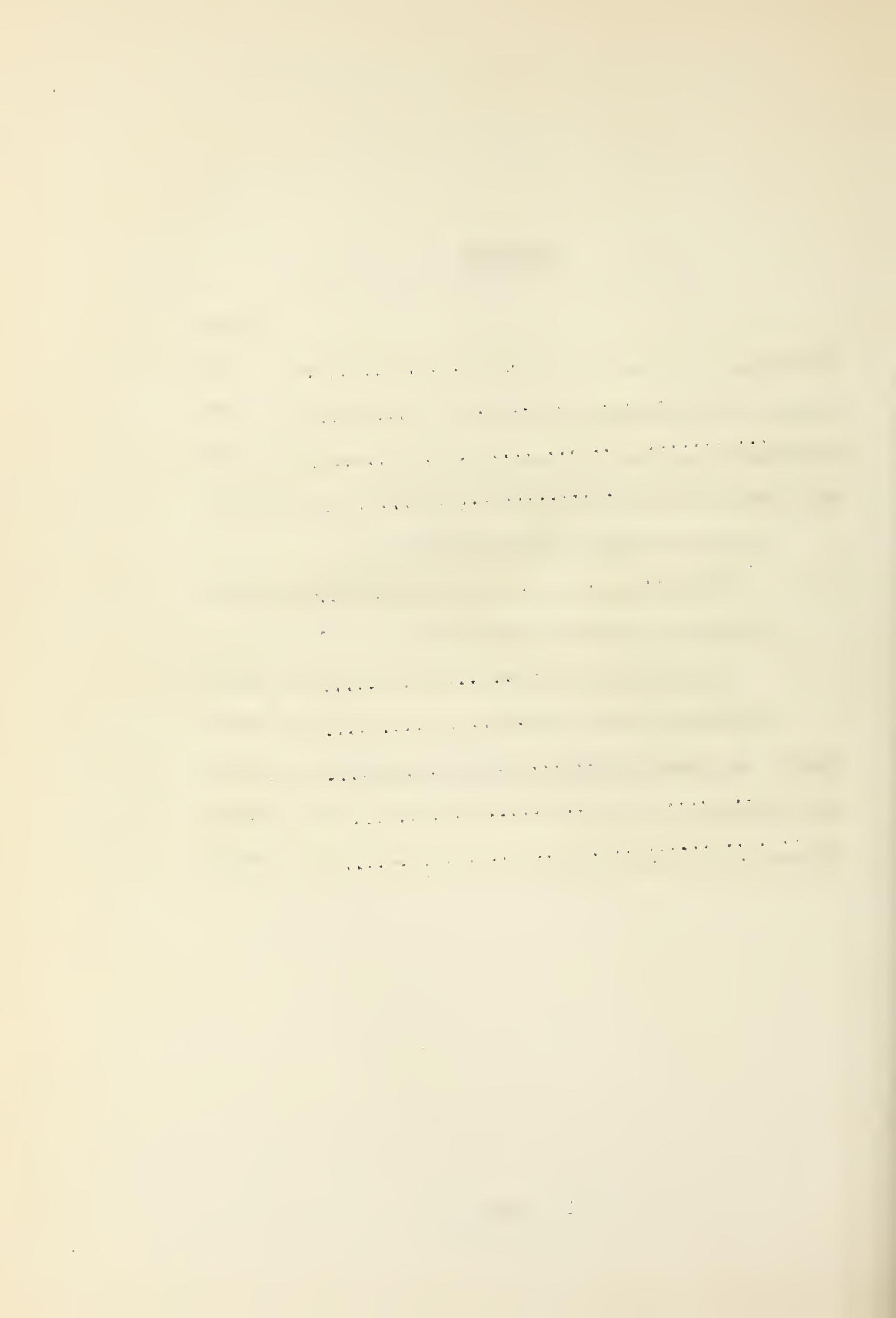
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FOREWORD

This partial bibliography on rural psychology attempts to bring together references on the social psychology of rural life and on the psychology of farm management, or the scientific management of agricultural labor. It has been difficult to define the scope of this bibliography as it borders on so many other fields, and in many cases the psychological data have been collected only as a part, frequently an incidental part, of other projects. To compile a comprehensive bibliography it would be necessary to search the literature on social psychology, rural sociology, state and local government, farm management and relief. A thorough search of these fields has not been made in compiling the present bibliography. However, works in these classes known to refer specifically to rural psychology have been examined for inclusion.

The references included have been classified as follows: 1. General; 2. Attitudes and opinions, with subdivisions under government and politics, marketing and marketing associations, and relief; 3. Family and community life; and 4. Farm labor.

The section on farm labor relates only to scientific studies of farm labor, or "Taylorism" applied to the farm. Much has been done in this field in Europe, especially in Germany and Poland, but only a few foreign references have been included. The bibliographies noted in the body of the bibliography should be consulted for additional references. References to publications dealing with the attitude of farmers toward farm laborers or with the attitudes of farm laborers have been placed in the section entitled "Attitudes and Opinions", rather than in the Section entitled "Farm Labor."

References to publications relating to farm youth have been omitted. Those interested in this phase of the subject should consult Agricultural Economics Bibliography No. 65, entitled "Farm Youth in the United States; a Selected List of References to Literature Issued since October 1926", compiled by Esther M. Colvin and issued in 1936. For references prior to 1926 bibliography No. 17 in this same series should be consulted.

An author and subject index is appended.

Call numbers following the citations are those of the U. S. Department of Agriculture Library, unless otherwise noted. "Libr. Cong." preceding a call number indicates that the publication is in the Library of Congress.

Mary G. Lacy, Librarian
Bureau of Agricultural Economics,
U. S. Department of Agriculture

March 1939.

SOURCES CONSULTED

Card catalogues of the following libraries:

U. S. Department of Agriculture, Bureau of Agricultural Economics
U. S. Library of Congress

Indexes and Bibliographies:

Agricultural Economics Literature; issued by U. S. Department of Agriculture, Bureau of Agricultural Economics, Washington, D. C., v. 1, 1927 to v. 12, no. 10, December 1938.

Also its predecessor The Library Supplement, nos. 1 to 38, January 16, 1923 to Dec. 28, 1926.

Bercaw, Louise O. Advantages and disadvantages of country life; selected references. U. S. Dept. Agr., Bur. Agr. Econ. Agr. Econ. Bibl. no. 37, 27pp., processed. Washington, D. C., 1932.

Bercaw, Louise O., and Colvin, Esther M. Bibliography on the marketing of agricultural products. U. S. Dept. Agr. Misc. Pub. 150, 351pp. Washington, D. C., December 1932.

Experiment Station Record; issued by U. S. Department of Agriculture, Office of Experiment Stations, Washington, D. C., v. 30, 1914 to v. 79, no. 6, December 1938.

Gardner, Chastina. Cooperation in agriculture; a selected and annotated bibliography. U. S. Farm Credit Admin. Bull. 4, 214pp. Washington, D. C., May 1936.

Social Science Abstracts v. 1 to 4, 1929 to 1932 [Menasha, Wis.] Published under the auspices of the Social Science Research Council.

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GENERAL

1. Armstrong, Rinaldo William. The salt of the earth; a study in rural life and social progress. 233pp. Ottawa, Graphic publishers limited [c1930] 281.2 Ar52

These studies "seek to draw attention to the psychological forces that are at work in the shaping and stimulating of social movements. Underneath economic and political institutions lie fundamental psychic facts on which the whole social structure is based.

"These chapters deal with a theme of equal importance to city and country people, because they regard rural life as a phase of society as a whole, and seek to analyse the qualities and appraise the social value of the rural mind..." - Preface.

Chapters of especial interest are: 1. The rural mind and social progress; 2. Characteristics of the rural mind; 3. The country man's view point.

2. Bernard, L. L. Research in rural social control. Amer. Jour. Sociol. 32(1, pt. 2): 249-261. July 1926. 280.8 Am3

This paper was read at the 20th annual meeting of the American Sociological Society, December 1925. The author states: "In order to understand our problem of rural social control it is necessary to understand (1) what changes in the social adjustments of people are going on; (2) the changes in the attitudes of people toward their adjustments; (3) what fundamental and underlying economic or physical factors are causing these social changes; and (4) what steps we need to take to direct these changes in such a way as to secure the best and most controlled adjustment results."

3. Bernard, L. L. Research problems in the psychology of rural life. Jour. Social Forces 3(3): 446-458. March 1925. 280.8 J823

Includes discussion by C. E. Lively, pp. 453-455; by Carl C. Taylor, pp. 455-456; and by S. H. Hobbs, Jr., under the title, Know Your Home State, pp. 456-458.

The research which is needed in the psychology of rural life is classified by the author as follows: 1. Individual traits, repressions and releases; 2. Psycho-social problems of communication and control; 3. The social environments and rural attitudes; 4. Rural life organization and control.

4. Bernard, L. L. A theory of rural attitudes. Amer. Jour. Sociol. 22(5): 630-649. March 1917. 280.8 Am3

"It is quite generally recognized that, on the average, rural people have certain psycho-social characteristics more fully or less fully developed, as the case may be, than has the general run of the urban population." These traits are at times referred to erroneously as the "rural mind." The author considers "attitudes" a more accurate word, as "it is in his judgments and attitudes which he has built out of experience and training that he departs from the standards and viewpoints of others", rather than in his "processes and powers of thinking." He discusses the occupational conditions which tend to develop the attitudes which are generally recognized as characteristic of the farmer.

5. Binnewies, W. G. A method of studying rural social distance. Jour. Applied Sociol. 10(3): 239-242. January/February 1926. Libr. Cong. HML.S75

A study in which a method is suggested for measuring quantitatively the reaction of 456 young women to farm life.

6. Beisen, Anton T. Factors which have to do with the decline of the country church. Amer. Jour. Sociol. 22(2): 177-192. September 1916. 280.8 Am3

"The investigations upon which these conclusions are based have been made by the writer, during the last five years, in Missouri, in Tennessee, in Kansas, in New York, and in Maine." The author finds that "The principal losses are among those whose educational equipment is limited and whose social instincts are poorly developed. The chief cause of the decline of the church's influence is to be found in the breaking down of the old appeal to the fears of men... and in the failure of the new appeal to compel the attention...of men whose viewpoint is essentially individualistic."

7. Brocks, Lee M. Relation of spatial isolation to psychosis. Jour. Abnormal and Social Psychol. 27(4): 375-379. January/March 1933. Libr. Cong. RC321.J7

From a survey in various states the author concludes that isolation, such as that of the sheepherder, or of farm women is not "a direct cause of mental abnormality", but is rather "a precipitating or secondary factor."

8. Brunner, Edmund de Schweinitz. Immigrant farmers and their children... with four studies of immigrant communities. 277pp. Garden City, N. Y., Doubleday, Doran & co., inc., 1929. 281.2 B83I

This study shows how "foreign-born groups in rural areas react to American social organizations." A special study was made of the church in immigrant communities. The four communities studied were Castle Haynes in North Carolina; Askov, a colony of Danes in Minnesota; a colony of Czechoslovakian farmers near Petersburg, Virginia; and Sunderland, a colony of Poles in Massachusetts.

9. Chrisman, Lewis H. Rural life in modern American poetry. *Rural Sociol.* 3(1): 48-56. March 1938. 281.28 R88
The author reviews the poetry of the past 25 years which has interpreted "social trends and forces" of rural life in America.

10. Cooley, Charles H. The life-study method as applied to rural social research. *Amer. Sociol. Soc. Papers and Proc.* (1928) 23: 248-254. 1929. (*Amer. Sociol. Soc. Pubs.* 23. 1929) 280.9 Am37
The author contrasts the life-study method with the statistical method and suggests that the social scientist might profit from a study of the methods of the novelist so as to develop a descriptive technique in rural sociology which would aim "to picture the essential functional behavior of rural persons and groups that their life can be understood in as much of its dramatic reality as possible."

11. Fondard, Louis. *Essai sur la signification psychique du milieu (introduction à l'étude de l'abandon des campagnes).* 290pp. Marseille, Imprimerie Ant. Ged; 1934. 140 F73E
A study of the psychology of the farmer as an introduction to the study of the causes of the abandonment of farms.

12. Fondard, Louis. *Propagande expérimentale.* 375pp. Marseille, Typographie et lithographie Ant. Ged. 1932. 140 F73
At head of title: *Pédagogie de la Propagande Agricole.* Louis Fondard.
"The experimental method in the form of tests and investigations applied to a study of rural psychology and of the conditions under which the farm worker should be educated." - *Agr. Econ. Lit.* 6(10): 659. December 1932.

13. Galpin, Charles Josiah. The human side of farm economy. *Jour. Farm Econ.* 2(2): 101-109. April 1920. 280.8 J822
Address delivered before a joint meeting of the National Country Life Association and the American Farm Economic Association, November 11, 1919, at Chicago, Illinois.
Dr. Galpin stresses the need for studies of the human side of farm economy and outlines a series of such studies including studies in the psychology of the farm population.

14. Galpin, Charles Josiah. *Rural life.* 386pp. New York, The Century co., 1918. 281.2 G13
"The environmental influences surrounding human life, labor, and intercourse on the farmstead furnish a set of pressures and strains upon the farm life, the physiologic, mental, and social effects of which we may observe and judge. Here then is the beginning of a psychology of farm life which may, as time goes on, be elaborated

by the psychologist and sociologist who happen to possess rural sympathy and farming imagination."

These sentences quoted from chapter 2, Psychology of Farm Life, sound the keynote of the whole book.

15. Galpin, Charles Josiah. Rural social problems. 286pp. New York, The Century co., 1924. 281.2 G13R

"The human element in the problem of agriculture and country life is the theme of this book." - Preface.

The chapter headings follow: The frontier in farm life; Why farmers think as they do; The farmer's standard of living; Some problems that confront farm women; Where the farm family trades; Landlords and farm tenants; Agriculture and high schools; Agriculture and hospitals; Agriculture and churches; Can the farm family afford modern institutions? Replanning the city as a place not to live in; Defending farm life; Movement of population to and from farms; Rural life in American art; The coming rural municipality; Sources of rural hope; The Skims, a submarginal land.

16. Galpin, Charles Josiah. Science in rural human relationships. Natl. Country Life Conf. Proc. (1927/1928) 10/11: 18-21. 281.2 N213

After discussing the characteristics of the pioneer farmer and of the farmer of the period, 1917-1927, he concludes that "the farmers scientific attitude of mind, and especially his scientific grasp of rural human relationships, is bound to save and is already starting to save rural society for a social role which will be a noble sequel to its social pioneer role during the first 200 years of our history."

17. Garnett, William Edward. Rural organizations in relation to rural life in Virginia; with special reference to organizational attitudes. Va. Agr. Expt. Sta. Bull. 256, 11Opp. Blacksburg, 1927.

Part III, entitled "Prevailing Attitudes, Their Significance and Causes", pp. 53-69, discusses some peculiarities of farm psychology, and the possibility of changing undesirable attitudes. Part IV contains a section on Membership Attitudes Toward the Tobacco Growers' Association, pp. 70-72.

18. Gillette, John Morris. Rural sociology. Ed. 3, 778pp. New York, The Macmillan co., 1936. 281.2 G41R

References at end of most chapters.

Partial contents: Chap. 1. Society and rural life, pp. 3-11; Chap. 2. The development of rural society, pp. 12-25; Chap. 14. Rural farm social structure and traits, pp. 257-275; Chap. 16. Rural isolation and communication, pp. 304-333; Chap. 17. Deficiency and anti-social classes, pp. 334-362; Chap. 21-22. The farm family, pp. 428-466; Chap. 27-28. Rural non-farm aggregations, pp. 565-600; Chap. 29. Town-country relations, pp. 601-630.

19. Gillette, John Morris. Urban influence and selection. Amer. Sociol. Soc. Papers and Proc. (1928) 23: 1-14. (Amer. Sociol. Soc. Pubs. 23, 1929) 280.9 Am37 23d
The author's abstract reads in part as follows:
"As creators and centers of culture, cities dominate greater and greater areas of hinterland population, due especially to the multiplication of the kinds of cultural goods and the appearance of new agencies of distribution... There are advantages and disadvantages to the outlying populations consequent to this urbanization. Urban selective influence is both psychosocial and psycho-physical. Psychosocial effects are seen in the molding and directive influences which urban centers manifest relative to farming inhabitants... Psychophysical effects are quantitative and qualitative. Quantitative aspects appear in population movements and redistribution... Qualitatively a study of rural and urban migration and of the characteristics of urban and farm populations, leads to the opinion that the curve of distribution of capacity is being affected... One inclines to believe that the level of inherent talent is not greatly disturbed."

20. Groves, Ernest Rutherford. The mind of the farmer. Amer. Sociol. Soc. Papers and Proc. (1916) 11: 47-53. 1917. (Amer. Sociol. Soc. Pubs. 11, 1917) 280.9 Am37 No. 11
The author concludes:
"This paper maintains that, although there are tendencies in rural life that make for characteristic mental attitudes, rural communities differ too greatly and rural and urban people are too closely interrelated to permit the instruction of a distinct American farmer's mind."

21. Groves, Ernest Rutherford. Psychic causes of rural migration. Amer. Jour. Sociol. 21(5): 623-627. March 1916. 280.8 Am3
The craving for "external, quantitative stimuli" draws rural young people to the cities. Our country schools should develop "a clear recognition on the part of a greater number of country people of the satisfying joys of rural stimulations."

22. Groves, Ernest Rutherford. The rural mind and social welfare... 205pp. Chicago, The University of Chicago press [c1922] 281.2 G91R
References at ends of Chapters.
"This book is an analysis of the social experiences of country people. It attempts to bring together such psychological knowledge as at the present time is likely to prove useful in an understanding of the problems of rural life. It especially draws material from the rapidly developing social psychology..." - p. 1.
The chapter headings follow: Introduction; The social contribution of primitive agriculture; City drift; Country life and the herd

instinct; The instinct of self-assertion; The parental and the sex instincts; Fear; Pugnacity, curiosity, workmanship, acquisition; Play; The country church and the rural mind; The psychology of rural organization.

23. Groves, Ernest Rutherford. Rural problems of to-day. 181pp. New York Association press, 1918. 281.2 G91

This book makes a psychological approach to rural social problems. Of special interest are the following chapters: 8, The mind of the farmer, pp. 119-134; and 9, Psychic causes of rural migration, pp. 137-148.

24. Hawthorn, Horace Boies. The sociology of rural life. 517pp. New York & London, The Century co., [1926]. 281.2 H31

"References" at end of chapters.

Chapters of special interest are the following: 4. Measurement of socialization, pp. 60-86; 13. The psychological factor in socialization, pp. 250-284; 19. Philosophies, principles, bases for rural social control and community organization, pp. 425-452; and 20. Community analysis, pp. 453-466.

25. Hayes, Augustus W. Rural sociology. 598pp. New York, Longmans, Green and co., 1929. 281.2 H32

Chapter 7, pp. 159-182, discusses the psychological factors of rural life.

26. Jones, Harold Ellis, and Conrad, Herbert S. Rural preferences in motion pictures. Jour. Social Psychol. 1(3): 419-423. August 1930. Libr. Cong. HM251.A1J6

"The data represented in this report were collected as an incidental part of a rural survey project, supported by grants from the Social Science Research Council of Columbia University."

27. Katz, Daniel, and Schanck, Richard L. Social psychology. 700pp. New York, J. Wiley & sons, inc.; London, Chapman & Hall, ltd., 1938. 140 K15

References at end of most chapters.

Chapter 17 entitled "The Epoch of the Rural Community", considers the subject under the following headings: Early capitalism and the rural community; Characteristics of the rural community; The feeling of universality and the attitude of conformity; Public opinion in the rural community; Folkways and folklore, the mores and the rural community; The rural crowd or mob; Associations for communal enterprise; Government in the rural community; Government is dependent upon public opinion; The relationship of the community to the nation.

Chapter 18, The Era of Publics, contains a section entitled "Middle capitalism and the decay of the rural community."

28. Kirkpatrick, Ellis Lore. A farm philosophy. Survey 69(7): 255, 256.
July 1933. 280.8 C37

"Contains the seven questions and answers formulated by the Student Section of the American Country Life Association Conference on questions relating to basic elements of rural life. The seven questions are as follows: To what extent does farming provide steady work as compared with other occupations; To what degree does the farm provide a good living on a moderate income; In what respects is the farm a superior place to rear children; In what way does farming promote cooperation in family life; What are the most satisfying community activities in rural life; In what ways does farming afford opportunity for satisfying leisure; and, What effect does farming, dealing with nature, have on one's philosophy of life?" - Agr. Econ. Lit. 7(10): 740. December 1933.

29. Kolb, John Harrison, and Brunner, Edmund de Schweinitz. A study of rural society; its organization and changes...under the editorship of William F. Ogburn. 642pp. Boston, New York [etc.] Houghton Mifflin co. [1935] 281.2 K83

Reference readings at end of each chapter.
General bibliography, pp. 623-627.

The Preface states that this book "is, in fact, a study of rural society, its organization and changes, from the point of view of important backgrounds, recent developments, and significant trends..."

"Opening with a brief discussion of the nature of rural society, which constitutes the first chapter, the book is organized into five parts. Part I considers the group life of rural people, the family, the neighborhood, the village, the community, and the interrelations of town and country as well as rural and urban. Part II directs attention to rural people themselves, their origins and characteristics, the composition of the rural population and its mobility. Part III reviews the social economics of agriculture and the institutions associated with farming as a means of earning a livelihood, with special reference to the events of the last few years and the New Deal. Part IV describes the organization, recent changes, and trends of rural institutions such as the home, school, church, and agencies for recreation, health and social welfare, and then in national terms, the apparent trends and possible future policies for rural America are considered in Part V."

Chapter 11 is entitled "The Psychological Characteristics of Rural People", 248-271.

30. L'Houet, A. Zur psychologie des bauerntums. 2d. aufl. 331pp.
Tübingen, Verlag von J.C.B. Mohr (P. Siebeck) 1920. 281.2 L61
The psychology of the German peasant.

31. Lundquist, Gustav A., and Carver, Thomas Nixon. Principles of rural sociology. 484pp. New York, Ginn and co. [1927] 281.2 L974
References at end of chapters.
The following chapters are of interest: Chap. 5, pp. 107-137, How rural people think; Chap. 6, pp. 138-155, How rural people feel.

32. Manny, Theodore Bergen. The human factors from the viewpoint of social relations. Jour. Farm Econ. 14(1): 128-137. January 1932. 280.8 J822
"This paper was read at the joint luncheon of the Section on rural sociology of the American sociological society and the American farm economic association, held at Washington, D. C., Dec. 28, 1931."
The author considers rural standards of living, rural organizations and the behavior of farm people toward these organizations, mobility and composition of the farm population, and farm production policies. He concludes with the following: "Especially do we need more studies of the way in which farm people react to the various situations and problems that confront them..."

33. Matthews, M. Taylor. Experience-worlds of mountain people, institutional efficiency in Appalachian village and hinterland communities. 210pp. New York City, Bureau of publications, Teachers college, Columbia university, 1937. (Teachers college, Columbia university, Contributions to education, no. 700) 281.2 M43
The author writes in his Introduction "Those who read the following pages will find interpreted there...some of the more pertinent stimuli and response processes which take place between the persons composing a small rural population of the southern Appalachians and the more institutionalized segments of their environment mountain culture..."
The area studied is that surrounding the villages of Roan Mountain and Shell Creek, Carter County, Tennessee. "The area is immediately contiguous to Avery County, North Carolina, and lies but a short distance from both Kentucky and Virginia."

34. Page, James Franklin. Relation of town and country interests in Garfield County, Oklahoma. Okla. Agr. Expt. Sta. Bull. 194, 47pp. Stillwater, 1930.
"This investigation was made primarily for the purpose of discovering the reciprocal service relationships of farmers and towns-men in one of the better wheat-growing sections of Oklahoma; secondarily, it concerned itself with the attitudes of these classes toward their reciprocal service relations." - p. 7. The data were collected during the school year, 1926-1927.

35. Parmelce, Maurice, and Leonard, Olen E. A social and cultural survey in the tobacco region of southern Maryland. U. S. Dept. Agr., Bur. Agr. Econ. Farm Population and Rural Life Activities 13(1): 1-17. Washington, D. C., Jan. 15, 1939. 1.9 Ec763Fa

An unpublished study of land utilization in the tobacco region of southern Maryland was made in 1935 by the land economics staff of the Bureau of Agricultural Economics.

A second study of this region was made in 1938 by the rural sociologists of the Bureau who "attempted to discover the relationships, if any, between the economic factors revealed in the first study and such factors as life histories, attitudes and opinions, standards of living, and social participation of the farm-operator families. Data were also classified on a tenure-status basis."

The findings of the second study are given in this article.

36. Phelan, John. Readings in rural sociology. 632pp. New York, The Macmillan co., 1920. 281.2 P51

Chapter 7, entitled "Mental and Moral Aspects of Rural Life", includes the following: Characteristics of the farmer, by James Bryce (adapted from The American Commonwealth, v. 2, pp. 293-294. Rev. ed.) pp. 162-164; The influence of farm life on childhood, by Charles W. Elliot (adapted from Report of the Board of Education, Connecticut, 1903, p. 290) pp. 164-165; An appreciation of rural people, by T. N. Carver (adapted from Rural Manhood, March, 1910, pp. 7-10) pp. 165-168; The mind of the farmer, by Ernest R. Groves (adapted from Publications of the American Sociological Society, vol. XI, pp. 47-53) pp. 175-181.

37. Prokopovitch, S. N. The economic condition of Soviet Russia. 230pp. London, P. S. King & son, ltd., 1924. 267 P94

In chapter 3, The Introduction of Communism into Peasant Farming, the author points out that the Communists themselves admit "that both the structure and the psychology of the peasants' economics were utterly antagonistic to the Communist ideas and regime."

38. Sanderson, Dwight, and Nafe, Robert W. Studies in rural leadership. Amer. Sociol. Soc. Papers and Proc. (1928) 23: 163-175. (Amer. Sociol. Soc. Pubs. 23. 1929) 280.9 Am37 23d

This paper is based on a study of about 100 cases of "dynamic-infusive leadership." It considers the sociology and the psychology of leadership.

39. Schiller, Karl. Über die agrarpolitik der Vereinigten Staaten von Amerika. Weltwirtschaftliches Archiv 39(3): 603-611. May 1934.

"The author discusses the structure and development of American agriculture, America's foreign trade policy, her price policy and the psychology of the American farmer." - Agr. Econ. Lit. 8(7): 514. September 1934.

40. Schönberg, Max. Die kunst der wirtschaftsberatung in der landwirtschaft; ein beitrag zur klärung des verhältnisses zwischen betriebsleiter und wirtschaftsberater. 89pp. Leipzig, J. A. Barth, 1929. (Schriften zur landwirtschaftlichen arbeitsforschung auf psychologischer grundlage. heft. 2) 281 Sch6

"This volume is an effort to show the requirements which must be fulfilled in order to become a successful agricultural economic advisor with special recognition of the place of psychology in this training. The Director of the Instituts für Landwirtschaftliche Betriebslehre der Universität Leipzig, prof. dr. Fr. Falke, writes: 'The agricultural enterprise is an organism which consists of a large number of single organisms of which the most sensitive and decisive is man himself, the manager of the enterprise.' Therefore no real success can be obtained by the agricultural economic consultant without first obtaining the full confidence of the farm manager himself who must follow the advice of the consultant from a free decision of his own. The importance of this part of the equipment of the economic advisor has not been sufficiently stressed. The most complete knowledge of the subject matter on the part of the consultant will remain valueless and ineffectual if he does not know how to 'find the man' in the farm manager.

"Dr. Falke thinks that this work represents the first step with which a new and important branch of agricultural science is being entered - the art of expert consultation in agricultural economics." - Agr. Econ. Lit. 4(9): 480-481. November 1930.

The Library has on file English translations made by Henry Bartmann of the introductory remark of the author and the preface signed by Dr. Fr. Falke.

41. Sherman, Caroline B. Rural fiction as interpreter of rural life.

Rural Socicl. 2(1): 36-45. March 1937. 281.28 R88

In reviewing rural fiction and pointing out the special contribution made by many of the rural fiction writers, Miss Sherman writes "To rural leaders the best of these books could show farm characters and farm families in all their relationships and under wide varieties of farm conditions. Some of the trained novelist-observers - blessed with unusual insight, versed in psychological reasoning, and gifted with able pens - could penetrate motives, detect stimuli, sense the responses, and describe and picture the whole life story in all its bearings as no worker or observer however conscientious could hope to do if he were not unusually and sensitively endowed."

42. Sims, Newell Le Roy. Elements of rural sociology. Rev. ed. 718pp.

New York, T. Y. Crowell, 1934. (Crowell's social science series)
281.2 Si5E Rev. ed.

Selected bibliographies at end of chapters.

The Editor's note states: "Especially noteworthy is Professor Sims' analysis of rural attitudes, the characteristics of the rural community, and the status of American farmers considered as an economic class." The chapters of particular interest are the following: Chap. 11. The mental characteristics of the rural people, pp. 258-288; Chap. 16, Some general psychological attitudes of the country people, pp. 392-422; Chap. 19, Passing on the social tradition or education (including a section on the farmer's attitude toward schooling) pp. 457-482; Chap. 25, The social process in rural-urban civilization, pp. 609-621.

43. Smith, William C. The rural mind; a study in occupational attitude. Amer. Jour. Sociol. 32(5): 771-786. March 1927. 280.8 Am3
The author's abstract of this article follows: "There is a difference between the characteristic socio-psychic traits of rural and urban dwellers. The causes of these differences may be considered from four points of view: (1) selection, (2) isolation, (3) domestication, and (4) occupation. The occupational activities are fundamental in the development of attitudes, and, since rural occupational conditions are so far different from those of the city, the differences between the two groups may be largely accounted for in this way."

44. Social science research council, Advisory committee on social and economic research in agriculture. Research in farm labor. Scope and method... John D. Black, editor. Social Sci. Research Counc. Bull. 16, 84pp. New York, 1933. 281.29 Sol no. 16
Project 4. Quality differences between individuals and social inheritance as factors determining farm labor supply, by W. W. Wilcox, and C. Arnold Anderson, pp. 21-26, considers social stratification, and the attitudes and characteristics of the individual farm labor in relation to his position on "the agricultural ladder."

45. Social science research council, Advisory committee on social and economic research in agriculture. Research in prices of farm products. Scope and method...John D. Black, editor. Mordecai . Ezekiel and John M. Cassels, executive secretaries of Special advisory group on prices of farm products. Social Sci. Research Counc. Bull. 9, 271pp. New York, 1933. 281.29 Sol no. 9
Project 30. Psychological factors affecting price...by Geoffrey Shepherd, pp. 165-169.

46. Social science research council, Advisory committee on social and economic research in agriculture. Research in rural organization. Scope and method...John D. Black, editor, C. C. Zimmerman, executive secretary. Social Sci. Research Counc. Bull. 12, 160pp. New York, 1933. 281.29 Sol no. 12

Project 14. Measurement of organization product (Joint with Rural Social Psychology)...by Howard W. Beers, pp. 116-119, has for its objective "To measure if possible what was actually accomplished in the way of a definite social product as a result of a particular meeting of an organization or a particular project, or a venture such as a harvest festival."

The following projects include farmers' attitudes as one of the factors to be considered: 9-B. County farm bureau, by Theodore B. Manny, pp. 83-87; 12-B. Cooperative purchasing as a factor in the success of rural organizations by Theodore B. Manny, pp. 112-115.

47. Social science research council, Advisory committee on social and economic research in agriculture. Research in social psychology of rural life. Scope and methods...John D. Black, editor, C. Arnold Anderson and T. Lynn Smith, executive secretaries of special advisory group on social psychology of rural life. Social Sci. Research Counc. Bull. 17, 130pp. New York, 1933. 281.29 Scl no. 17

"The purposes of this report are four: (1) to delimit the field of social psychology of rural life as an area for social research, (2) to give a brief analysis and a classification of the problems in the field and to suggest a wide variety of promising topics for study, (3) to outline some representative research studies, and (4) to evaluate the various methodologies which may be used in these studies."

Partial contents: The nature of the research problems, by C. Arnold Anderson and T. Lynn Smith, pp. 3-12; Project 1. The psychological bases or conditions of organized group life in rural and village communities...Project 2. Membership relations and problems in different types of rural organizations and groups...Comments on Projects 1 and 2, by C. A. Anderson, pp. 13-17; Project 2-i. Description of a rural community, and its groups and institutions in terms of common and reciprocal habits of individuals, by Richard L. Schanck, pp. 18-23; Project 5. Studies of information and attitudes for particular organizations or areas, by Charles P. Loomis, pp. 23-28; Project 6. Statistical analysis of factors conditioning attitudes about cooperatives, by Charles P. Loomis, pp. 28-29; Project 24. The psychological factors associated with "budgetary behavior"...by Carle C. Zimmerman, pp. 36-43; Project 39-a. The vote as an approach to rural attitudes, by J. A. Neprash, pp. 50-54; Project 40. Psycho-social factors affecting the success of cooperative enterprises...by C. Arnold Anderson, pp. 54-59; Project 41-a. The nature of social control processes in rural communities, by Kimball Young and J. H. Kolb, pp. 59-70; Project 49. The effect upon attitudes and behavior of living in a village vs. in the open country, by Lowry Nelson, pp. 73-77; Project 50-b. The influence of the type of farming upon the organization of the family...by T. Lynn Smith, pp. 77-80; Leaders and domination in

the rural community, by Paul Pigors, pp. 81-93; Project 54. The processes by which new ideas are introduced into rural communities and social change is facilitated, by Lowell J. Carr, pp. 93-100; Project 58-g. A suggested project for a survey of rural attitudes in the United States, by Joseph K. Felson, pp. 106-115; Project 58-n. Methodology of attitude measurement, by Ross Stagner, pp. 115-127; Project 58-i. The range and nature of rural attitudes, by Hadley Cantril, pp. 127-130.

Bibliographies are given at the end of many of the projects; others give bibliographical footnotes. These references should be examined for additional material, as it has been impossible to examine all of them in the preparation of the present bibliography.

48. Social science research council, Committee on scientific method in the social sciences. Methods in social science; a case book, compiled under the direction of the Committee of scientific method in the social sciences of the Social science research council. Edited by Stuart A. Rice...822pp. Chicago, University of Chicago press [1931] 280 Sol2

"This volume comprises a series of interpretations of the scientific methods employed by authors of significant contributions to social science." - Foreword.

Of especial interest from the point of view of farm psychology is Analysis 32, by Stuart A. Rice, entitled "The Development of Rural Attitudes; a semi-intuitive inquiry by James Mickel Williams", pp. 458-467. The book by Professor Williams is entitled "Our Rural Heritage; the Social Psychology of Rural Development." (For full citation see below under Williams)

Dr. Rice concludes his analysis as follows: "By intimate acquaintance with a limited rural community and its residents, and by almost intuitive modes of inference, the author has described the character and the origins of a variety of attitudinal patterns which have played a large part in the mores and folk ways of the United States. The outstanding aspects of his method consist of the temporal duration and the limited area of the field of inquiry, together with the part played by oral testimony, local documents, and direct observation, woven together into coherent descriptive and explanatory patterns. The work may be regarded as a fragment of psychological history of a still unique type. In the growing area of social science such a study, employing so largely intuitive methods, serves a useful rôle in opening up hypotheses for more refined testing by other methods."

49. Sorokin, Pitirim A., and Zimmerman, Carle C. Principles of rural-urban sociology. 652pp. New York, Henry Holt and co. [1939] 281.2 Soc6

"This book is in some degree a concise summary of another, much larger and much more fundamental three-volume work [Systematic] Source Book in Rural Sociology prepared by the authors jointly with

Dr. Charles J. Galpin..." - Preface (See below)

Part III, Rural-urban intelligence, experience and psychological processes; Part IV, A cross-section of rural-urban behavior, institutions, and culture.

50. Sorokin, Pitirim A., Zimmerman, Carle C., and Galpin, Charles J. Systematic source book in rural sociology. 3v. Minneapolis, University of Minneapolis press, 1930-1932. 281.2 So6S

The Preface to volume 2 states "In volume I the ecological and morphological aspects of rural social organization were considered. This second volume deals with the rural social world from the point of view of its institutional, functional, and cultural characteristics."

The Preface to Volume 3 states "In this final volume of the Source Book is presented an analysis of rural populations and rural-urban relationships. The four chapters in Part Four deal with the physical, the vital, and the psycho-social traits of farmers and peasants. In an endeavor to give an adequate picture of the farmer-peasant population, much quantitative as well as descriptive material is presented. Part Five, consisting of three chapters, completes the work with a consideration of the relationships existing between the farmer-peasant and other social classes and between the total rural milieu and the composite urban society. The final chapter is a restatement of the theory outlined in Volume II that rural and urban differentiation, once it has reached its limit, breeds the germs of its own decline. City and country tend to approach each other again, either through the decline of the city or the rise of the country."

51. Strange, H. G. L. Farm philosophy. Kans. State Bd. Agr. Rept. [quarterly] 57(226): 74-84. Topeka, March 1938. 2 K13Re

Paper presented at the Kansas Agricultural Convention, 1938.

The author, who is Director of The Crop Testing Plan, Winnipeg, Canada, points out some of the characteristics of farmers, whether in Canada or Kansas, or in Ancient China or Rome.

52. Taylor, Carl C. Rural sociology in its economic, historical and psychological aspects. Rev. ed. 708pp. New York and London, Harper & brothers, 1933. 281.2 T21

References at end of chapters.

Of especial interest is chapter 7, The Psychology of Farm Life, pp. 136-161.

53. Thomas, William Isaac, and Znaniecki, Florian. The Polish peasant in Europe and America. Ed. 2. 2v. New York, A. A. Knopf, 1927. Libr. Cong. DK411.T5 1927

Volume 1 consists of part I, Primary group organization. It contains a Methodological note, pp. 1-86, in which the importance

of the scientific approach to the study of social psychology is stressed. Next follows the Introduction to part I, pp. 87-302, in which there is a discussion of attitude of the Polish peasant toward the family, marriage, the class-system, social environment, economic life, religious and magical life, and of his theoretic and aesthetic interests. The remainder of the volume, pp. 303-1114, consists of series of letters from Polish peasants.

Volume 2 consists of part II, Disorganization and reorganization in Poland, pp. 1117-1463; part III, Organization and disorganization in America, pp. 1467-1827; and part IV, Life record of an immigrant, pp. 1831-2244.

This volume discusses not only the family but also the community and national life of the Polish peasant.

54. U. S. Department of agriculture, Bureau of agricultural economics. The field of research in rural sociology. Prepared by a Committee of the Rural sociological society of America and the Bureau of agricultural economics. 47pp., processed. Washington, D. C., 1938.
1.9 Ec7Fi

"This report...represents an attempt at an appraisal of what rural sociology has accomplished in the past and what it can and should mean to agriculture and rural life in the future."

Social Psychology is one of the seven topics discussed.

55. U. S. Department of agriculture, Bureau of agricultural economics, Division of farm population and rural life. The Institute of methods of rural sociological research held at the Bureau of agricultural economics December 31, 1929 - January 4, 1930. A summary report. 23pp., processed. Washington, D. C., 1930.
1.9 Ec763In

This report includes a paper by Stuart Arthur Rice entitled, "Measurements of Social Attitudes and Public Opinion," pp. 11-23, followed by a discussion of the paper by Gordon W. Allport, pp. 20-23.

Dr. Rice states: "My technical task, therefore, is two-fold. I must deal with the possibilities of finding objective indices of attitude. I must also discuss the statistical methods of analyzing a series of such indices when they have been collected. In both instances I must bear in mind, so far as a limited experience permits, the practical possibilities of investigation in a rural environment."

On page 9 the report of the Committee on Social Attitudes is given in which brief recommendations are made for continuing studies in this field.

Supplement 1 to this report (3pp., processed) consists of the Report of the Committee on the Case Study Method.

Supplement 2 (5pp., processed) consists of a paper entitled "The Case Study Method", by Dr. Ernest W. Burgess.

Both of these supplements stress the importance of the case study method in research in social psychology.

56. Vance, Rupert B. Cotton culture and social life and institutions of the South. Amer. Sociol. Soc. Papers and Proc. (1928) 23: 51-59. 1929. (Amer. Sociol. Soc. Pubs. 23, 1929) 280.9 Am37

The author's abstract follows:

"Factors of soil and climate, the presence of cheap labor, and the world's demand for a cheap fabric have peculiarly conditioned social life in the American South to the demands of the cotton plant. The routines of southern rural life are fitted to the cycles of cotton planting, chopping, picking, and marketing. One may speak of a cotton-culture complex. Food habits, family labor in the field, speculation, exclusive devotion to the one crop system, non-co-operation, and lack of thrift are attitudes and modes of behavior growing out of cotton culture."

57. Vogt, Paul L. Introduction to rural sociology. 457pp. New York, London, D. Appleton and co., 1922. 281.2 V86I Ed. 2

References at end of most chapters.

In Chapter 10, The Rural Social Mind, the author discusses the conditions which determine the social mind of the farmer and the characteristics of his mental reactions.

58. Williams, James Mickel. Expansion of rural life; the social psychology of rural development. 346pp. New York, Alfred A. Knopf, 1926. 281.2 W67E

The author's preface reads in part as follows:

"Three rural traditions have contributed to the determination of our national life, that of the South, that of the North, and that of the Frontier. The planter, the farmer, and the speculator differed in their economic conditions and, therefore, in their psychology. This book is concerned with the farmer and his community..."

"This book is a study of rural development. It deals with the psychological processes of rural development. Such a study inevitably involves much that is not psychological. Forms of organization that have psychological significance must be described but I have limited this description to what seemed clearly to serve a psychological purpose.

"This book is the second of a series on rural development. The first Our Rural Heritage, had to do with the rural population of New York State in the first period of development, that is, up to about 1874. This book continues the analysis from that date to the present. Up to the last quarter of the nineteenth century the prevailing attitudes and beliefs were much the same as they had been from the beginning. Then began an expansion of rural life which has continued to the present time."

59. Williams, James Mickel. Our rural heritage; the social psychology of rural development. 246pp. New York, A. A. Knopf, 1925. 281.2 W67

"This is a study in rural social psychology, analyzing the behavior of rural people in terms of their attitudes to the weather, family and kinship relations, and economic, social, religious, educational, intellectual, juristic, and political attitudes. The development of a rural psychology in the United States is traced through stages designated as the acquisitive characterized by rigid adherence to custom, the assertive influenced by the settlement westward and freedom from earlier restraints, and the last in which attention has been directed toward co-operative endeavor. Throughout, the author draws upon his detailed knowledge of a certain community in New York State." - Expt. Sta. Rec. 53(7): 692. November 1925.

The method used in this study is analyzed in Methods in Social Science, cited above under Social Science Research Council, Committee on Scientific Method in the Social Sciences.

60. Youngblood, Bonney. The challenge to rural sociological research in the United States. 16pp., processed. [Washington, D. C.] U. S. Dept. of agriculture, Office of experiment stations, 1932. 1.9 Ex6Ch

"Paper prepared for presentation before the subsection of experiment station work of the Association of Land-grant Colleges and Universities at its meeting in Washington, in November, 1932."

Rural social psychology is one of the important problems suggested for study.

ATTITUDES AND OPINIONS

61. Allen, R. H., Cottrell, L. S., Jr., Troxell, W. W., Herring, Harriet L., and Edwards, A. D. Part-time farming in the southeast. U. S. Works Prog. Admin., Div. Social Research. Research Monogr. 9, 307pp. Washington, D. C., 1937. 173.2 W89Re no. 9

This study was made in Alabama, Georgia, and South Carolina to determine the types of existing part-time farms, their advantages and disadvantages, and the desirability of further development of this kind of farming as a part of the rehabilitation program.

Chapter 4, Conclusions, pp. 69-78, summarizes the attitudes of the farmers interviewed toward part-time farming, pointing out the advantages and disadvantages from both the social and the economic point of view.

62. Ashby, A. W. Some human and social factors in the depression. Agr. Econ. Soc. [England] Proc. 1928-1929: 89-99. Reading. (includes discussion) 281.9 Ag8

The author discusses the farmer's attitude toward economic organization, including standards of living and "getting money."

63. Campbell, John C. The Southern highlander and his homeland. 405pp. New York, Russell Sage foundation, 1921. 281.2 C15
Bibliography, pp. 375-389.
Throughout this study the author records the attitudes of the Southern highlander toward institutions and customs.

64. Farmer's Wife. Do you want your daughter to marry a farmer? What farm women think about farm life as told by readers of the Farmer's Wife. 47pp. St. Paul, Minn., Webb publishing co., 1922. 281.2 F22
This is a summary of the 7000 answers to a questionnaire sent out to farm women.

65. Fox, Kirk. The farmer speaks! Here are the answers from a nationwide survey of what you think. Successful Farming 36(4): 14, 15, 20, 75. April 1938. 6 Sul2
This is the first of a series of reports on sample opinions from 6,000,000 farm families throughout the United States, on political, social, moral, and religious questions.
Other reports in this series have been issued under various titles in the following issues: 36(5): 11, 74, 75. May 1938; 36(6): 11, 24, June 1938; 36(7): 13, 22. July 1938; 36(8): 11, 48. August 1938; 36(9): 16, 35, 36. September 1938; 36(10): 16, 24, 25. October 1938; 36(11): 22, 61. November 1938; 36(12): 22, 54, 55. December 1938; 37(1): 8, 29. January 1939; 37(2): 16, 43. February 1939.

66. Kumlien, W. F. What farmers think of farming. S. Dak. Agr. Expt. Sta. Bull. 223, 31pp. Brookings, 1927.
Two civil townships identical with two separate school districts in Lake County, South Dakota, were surveyed to obtain the information contained in this bulletin. This area is considered typical of east central South Dakota conditions in population, type of farming, rural social institutions and in economic and social problems."

67. Landis, Paul H. Social aspects of farm labor in the Pacific States. Rural Sociol. 3(4): 421-433. December 1938. 281.28 R88
Under the heading The Archaic Social Philosophy of a Commercial Agricultural Economy the author discusses the attitude of the farmer toward his migratory laborer.

68. Locnis, Charles P., Brunner, Edmund de Schweinitz, Jr., and Davidson, D. M., Jr. What the farmer is thinking about. Rural Sociol. 3(1): 84-88. March 1938. 281.28 R88
"What is uppermost in the farmer's mind now? What thought patterns and attitudes constantly prevail among rural people? An answer to the first question would be as important an element in the agricultural situation as a survey of crop conditions.

An adequate answer to the second question, although a somewhat different problem, would be invaluable to the Secretary of Agriculture or the administrators of any agencies dealing with agricultural people. If governmental agencies initiate programs which are contrary to the fundamental thought patterns and mores of the farmer, they are almost certainly doomed to failure...

"With the exception of some pre-election polling activities, little attention is given to ascertaining that which is uppermost in the farmer's mind at any one given time. Few would challenge the assumption that an adequate portrayal of the agricultural situation could not omit a consideration of what the farmer thinks about current issues, yet scant attention has been directed toward shedding light upon the subject."

This paper summarizes and comments upon letters from farmers which were sent to the Bureau of Agricultural Economics with the schedules for the farm population estimates of 1933 and 1937.

69. Lord, Russell. The backbone relaxes. New Repub. 78(1008): 175-177. March 28, 1934. 280.8 N

This article gives results of questionnaires concerning problems of modern life sent out by Country Home to farm families. It continues the study referred to in Cross Section of the Rural Mind (see below).

70. Lord, Russell. Cross section of the rural mind. New Repub. 74(825): 146-151. Sept. 24, 1930. Pam. Coll.

A statement of the findings of the Country Home questionnaire sent out to farm families to determine their opinions in regard to social, economic and religious standards.

71. Lundquist, G. A. What farm women are thinking. Minn. Univ. Agr. Ext. Div. Spec. Bull. 71, 24pp. University Farm, St. Paul, 1923. 275.29 M66 S no. 71

This study is based on 892 letters from farm women in Minnesota in response to questions asked by the editor of the Farmer's Wife in January 1921. The material shows what these farm women thought "(1) of the production unit on the farm; and (2) of the human and social unit."

72. Manny, Theodore Bergen. Farmer opinions and other factors influencing cotton production and acreage adjustments in the South. U. S. Dept. Agr. Circ. 258, 41pp. Washington, D. C., January 1933. 1 Ag84C

This study is based on interviews with 834 farmers in 11 counties selected as representative of the three principal cotton growing areas east of the Mississippi River, namely, The Mississippi Delta, the piedmont, and the coastal plain.

The objectives of the study were: "(1) To note recent changes in acreage planted to cotton and to other important crops. (2) To learn the reasons given by farmers for planting the specific acreage they did. (3) To determine, if possible, the premises upon which these farmer decisions were based and the sources of information used in arriving at decisions of this kind. (4) To note the extent to which interviewed farmers received and utilized the outlook information prepared and distributed by Federal and State agencies. (5) To note general differences as regards the acreage adjustments between farmers as classified by various factors such as size of farm, tenure, schooling, length of farm experience, etc. (6) To discover the chief sources of resistance to adjustments in the farm business, especially sources that are not exclusively economic in character.

"It is also hoped that this study may shed some light on the question of how to bring agricultural outlook information to the attention of the largest possible number of farmers in such a way that they will be able to use this service most effectively."

73. Manny, Theodore Bergen, and Smith, R. C. The Ohio farm bureau federation from the farmers' view point. A preliminary report. 115pp., processed. Washington, D. C., U. S. Dept. of agriculture, Bureau of agricultural economics, 1931. 1.9 Ec7630

Issued in cooperation with the Ohio State University and The Federal Farm Board.

"This study of membership problems of the Ohio Farm Bureau Federation was undertaken at the special request of the board of directors of the organization. The purpose of the survey was to see this organization through the eyes of farmers as one means of obtaining light upon some of the problems that face the Ohio Farm Bureau Federation especially as the bureau seeks to expand its membership."

It is based on personal interviews with 1,372 farmers in 14 counties in typical areas of the State.

74. Miller, J. T. The farmer speaks - a survey of farm thinking. Jour. Marketing 3(1): 44-46. July 1938. 280.38 J82

A statement of the scope and summary of the results of the survey made by Successful Farming and published under the heading "The Farmer speaks" beginning in the April 1938 issue of Successful Farming.

75. Morison, F. L., and Sitterley, J. H. Rural homes for non-agricultural workers - a survey of their agricultural activities. Ohio. Agr. Expt. Sta. Bull. 547, 34pp. Wooster, 1935.

The data for this study were obtained by personal interviews in 1933 and 1934 with families that had "produced any part of their living from the land since they took up residence in rural or semi-rural areas within 9 miles of Columbus, Ohio; but considered

some work other than farming as their major occupation..."

The interviews, among other things, brought out the reasons why these families moved into rural areas and their opinions and attitudes towards this mode of life.

76. Nelson, Lowry. National policies and rural social organization. *Rural Sociol.* 1(1): 73-89. March 1936. 281.28 R88

This paper was read before the Section on Rural Sociology of the American Sociological Society, New York City, December 1935.

The author suggests some changes in farm attitudes resulting from the operations of the Agricultural Adjustment Administration, Federal Emergency Relief Administration, and other New Deal agencies, and concludes: "The point I am attempting to bring out is that something new has happened in the process of social stratification in the rural community. One achieved a different status as one became the beneficiary of any of the numerous services offered. People became identified with terms such as 'relief' or 'non-relief'; as a 'signer' (of a contract) or a 'non-signer'; as a 'transient'; as a 'worker', or one who 'refused to work'; as 'skilled' or 'unskilled'; as 'eligible' or 'ineligible'; as 'employed' or 'unemployed'..."

"Rural people, along with urban, find themselves confused by the collapse of traditional forms and the conflicting ideologies struggling for dominance..."

77. New Jersey. Department of agriculture. Upper Freehold Township; a survey of the life resources and government of a New Jersey rural township, with a program for improvement, by the Bureau of agricultural economics, United States Department of agriculture, the New Jersey Department of agriculture, the Monmouth county agricultural extension service, the Upper Freehold better township association. 85pp. Trenton, N. J., 1935. 281.2 N46

This survey was made by Dr. Theodore B. Manny then of the Bureau of Agricultural Economics. It is based on interviews with 106 farmers and shows their opinions on economic and social conditions including family life, various organizations, public utilities, schools, and local government.

78. Obrdlik, Antonin. Social attitudes of the Czechoslovakian peasant towards the other occupational groups. *Rural Sociol.* 1(3): 296-305. September 1936. 281.28 R88

"This study is a part of numerous concrete investigations organized by the sociology department of the Masaryk University (Brno, Czechoslovakia), under the guidance of Dr. In. Arnošt Bláha, head of the sociology department. The author summarizes here a section of the 'Questionnaire' submitted to the various groups of Czech people for the purpose of ascertaining the attitudes of the public opinion with regard to the concept of general welfare.

Several hundred answers were received from twelve different occupational groups. This study summarizes only the data from the seventy-four questionnaires answered by peasants." - Footnote.

79. Sanderson, Dwight. Research memorandum on rural life in the depression. Social. Sci. Research Counc. Bull. 34, 169pp. New York, 1937.

281.29 Sol no. 34

Prepared under the direction of the Committee on studies in social aspects of the depression.

Chapter 8. Attitudes toward the future of agriculture, pp. 123-140; Chapter 9. Effects on distinctive rural attitudes and rural culture, pp. 141-150.

The author points out the need for "both intensive and extensive study of rural attitudes...if we are to have an adequate understanding of the social psychology of rural people as a basis of procedure in whatever policies may be attempted for the improvement of rural life."

80. Sawtelle, Mrs. E. H. The advantages of farm life. A study by correspondence and interviews with eight thousand farm women. Digest of an unpublished manuscript. 29pp., processed. Washington, D. C., U. S. Department of agriculture, Bureau of agricultural economics, Division of farm population and rural life, March 1924. 1.9 Ec763Ad

In preparing this study the author had access to the letters from farm women received by the Farmer's Wife and summarized in the pamphlet Do You Want Your Daughter to Marry a Farmer? (noted above)

81. Schuler, Edgar A. The present social status of American farm tenants. Rural Sociol. 3(1): 20-33. March 1938. 281.28 R88

"This paper was presented before the Session on Rural Sociology, American Sociological Society, Atlantic City, December 1937. Practically all the data were secured while the writer was a member of the Social Research Section of the Rural Resettlement Division, the Resettlement Administration..."

This is a study of social stratification in rural America. It is based on recent publications and on questionnaires sent to croppers, farm laborers, owners, and renters to obtain their attitudes and opinions toward their social status.

82. Schuler, Edgar A. Social status and farm tenure - attitudes and social conditions of Corn Belt and Cotton Belt farmers. U. S. Dept. Agr., Farm Security Admin. Social Research Rept. 4, 253pp., processed. April 1938. 1.95 Sol

This report "represents a study of the attitudes, opinions, and aspirations of families whose economic and social status is to a considerable extent predicated upon their land-tenure status." - Foreword.

It is based on surveys made in Jones County, Iowa; Gentry County, Missouri; McLean County, Illinois; Mercer County, Ohio; Wilson and Union Counties, North Carolina; Greenville County, South Carolina; Hale County, Alabama; Red River Parish, Louisiana; Jefferson County, Arkansas; Beckham County, Oklahoma; Collin and Nacogdoches County, Texas; and Crockett County, Tennessee.

83. Social science research council, Advisory committee on social and economic research in agriculture. Research in public finance in relation to agriculture. Scope and method...John D. Black, editor. Social Sci. Research Counc. Bull. 1, 174pp. New York, 1930. 281.29 Sol no. 1
Project 43. To determine, measure and explain the attitude of the public, particularly the farm public, toward various forms of public activities and their support, by C. C. Zimmerman, pp. 160-173.

84. Tylor, William Russell. The attitude of farmers toward the county farm bureau. Amer. Sociol. Soc. Papers and Proc. (1928) 23: 261-273. (Amer. Sociol. Soc. Pubs. 23, 1929) 280.9 Am37 23d
This study was based on a survey made in 1928 of 1002 farmers in thirty counties in Illinois to determine whether they were friendly, indifferent, or critical of, or opposed to the Farm bureau.

85. Wakefield, Richard, and Landis, Paul H. Types of migratory farm laborers and their movement into the Yakima Valley, Washington. Rural Sociol. 3(2): 133-144. June 1938. 281.28 R88
This article presents not only the status and occupation of various types of migratory farm laborers, but also their interests and attitudes towards their work.

Attitudes Towards Government and Politics

86. Euler, Harrison Leslie. County unification in Kansas. 93pp. New York, Teachers College, Columbia University, 1935. 280.029 Eu5 Thesis - Ph.D. - Columbia University.
Bibliography, pp. 86-90.
"The method used in this investigation was primarily a case study of the situation in the attempted consolidation of Marshall, Washington and Republic Counties in Kansas..." One of the purposes of the study is "to devise guiding principles dealing with feelings and attitudes of the people involved." The findings of this part of the study are presented in Chapter 3, Socio-psychological Factors in County Unification, which discusses rural social psychology.

87. Friedrich, Carl Joachim. The agricultural basis of emotional nationalism. Public Opinion Quart. 1(2): 50-61. April 1937. 280.8 P962
Using the German referendum of 1929 as a test case, the author evaluates the factors which influenced the vote and concludes:

"Cut off from much experience with the outside world, the agricultural population will tend to carry its attachment to the paternal soil into the field of foreign relations, supporting irrational emotional appeals, no matter how extreme."

88. Lancaster, Lane W. Government in rural America. 416pp. New York, D. Van Nostrand co., inc. 1937. 280.12 L22
References at end of chapters.
Chapter 5, The Condition of rural administration, includes a discussion of rural attitudes toward local government and their effect on local administration. "A considerable portion of... [this part of] this chapter appeared as an article entitled 'Approaches to the Study of Rural Government' in the American Journal of Sociology for November 1933."
Chapter 12, Public Welfare, contains a section entitled "Changing Attitudes Towards the Unfortunate."

89. Manny, Theodore Bergen. Attitudes toward rural government; a preliminary report. 26pp., processed. Washington, D. C., U. S. Department of agriculture, Bureau of agricultural economics, 1929.
1.9 Ec763Att
Issued in cooperation with Hendrix College, Conway, Arkansas.
This study is based on replies to 513 questionnaires which were sent to teachers of rural sociology and political science, local government officials, and farmers.

90. Manny, Theodore Bergen. Rural municipalities; a sociological study of local government in the United States. 343pp. New York & London, The Century co., 1930. 280 M313
Bibliography, pp. 323-333.
This book is based on observations made "not so much from the point of view of administrative efficiency of local government, but from the viewpoint of its successes and shortcomings as one type of rural social organization, the ability of present units of local government to secure the active interest and the whole-hearted coöperation of its citizenship, and its demonstrated adequacy or limitations in providing modern institutions, and services for the enrichment of rural life."
Of especial interest is Chapter 10, Citizenship Interest in and Criticisms of Local Rural Government, pp. 113-134.

91. Rice, Stuart Arthur. Farmers and workers in American politics. 233pp. New York, Columbia University, 1924. 280 R36
Thesis (Ph.D.) - Columbia University.
This study seeks to give "a comparison of the attitudes and behaviour which characterize the 'average member' of each group in political affairs, in the commonly accepted sense of the term." - p. 35.

92. Rice, Stuart Arthur. Quantitative methods in politics. 331pp. New York, A. A. Knopf, 1928. Libr. Cong. JK1726.R5
Chapter 12, Urban, Village, and Open-country Differences in Political Attitude, with Some Consideration of Economic Cleavage, pp. 166-175, is of especial interest. The index should be consulted under the headings Farmers, and Rural for additional items of interest.

93. Taylor, Carl C. Farmers' movements as psychosocial phenomena. Amer. Sociol. Soc. Papers and Proc. (1928) 23: 153-162. (Amer. Sociol. Soc. Pubs. 23, 1929) 280.9 Am37 23d
"...The present farmer discontent is representative of something more than the propaganda of one or two militant farm organizations. It is and always has been a concomitant of farm price depressions, but in addition to that it is a psychosocial phenomenon similar to the labor movement, the temperance, and other movements..."

94. Taylor, Carl C. Organizing farmers for economic and political action. Amer. Sociol. Soc. Papers and Proc. (1922) 17: 194-199. (Amer. Sociol. Soc. Pubs. 17, 1923) 280.9 Am37
Abstract: "Not only are farmers almost universally organizing for economic action, but there is a growing tendency for them to organize also for political action. A farmer class consciousness is rapidly developing. Farmers have learned the art of borrowing business technology and techniques. This agrarian movement is similar to the labor movement as a phenomenon in social psychology. It challenges certain of our major practices in our economic world, and certain of the dominant traditions in our world's social life."

95. Wood, Hugh B. The formation of rural public opinion. Rural Sociol. 3(1): 79-84. March 1938. 281.28 R88
This article is based on the answers of 201 rural people to a questionnaire sent out in a single township in northwestern Ohio, to determine what factors influence their decisions on public questions.

Attitudes Towards Marketing and Marketing Associations

96. California. Department of agriculture, Division of markets. A study of the attitude of the almond growers with respect to the California almond growers exchange, by Division of markets, California. State department of agriculture, Walter E. Packard, Roy Minturn, W. R. Robbins, O. L. King. January 23, 1933. 51pp., processed. [n.p.] 1933. 280.2946 C12
The objectives of this report are stated as follows:
"1. To find out what members, ex-members, and non-members think the Exchange has accomplished, and what it might accomplish; 2. To secure suggestions from growers on matters affecting the policies

and management of the Exchange; 3. To find out what factors have influenced the attitude or attitudes of growers toward the Exchange; 4. To determine the experience of growers in marketing almonds through various channels during the past ten years; 5. To determine, in conference with the co-operating agencies, what might be done to improve the present situation." 513 almond growers in 17 counties in California were interviewed.

97. Clement, S. L. The organization, practices, and membership participation of two North Carolina farm cooperatives. N. C. Agr. Expt. Sta. Bull. 311, 105pp. Raleigh, 1937.

The two organizations studied were the Wake Farmers' Cooperative of Wake County, and the Durham Farmers' Mutual Exchange of Durham, Orange, Chatham, Granville, and Person Counties. Members of the two associations were interviewed to obtain their attitudes towards various features of their association and their criticism of the association.

98. Eckert, Phil S., and Henning, George F. The livestock auction in Ohio. Ohio. Agr. Expt. Sta. Bull. 557, 27pp. Wooster, Ohio, 1935.

The farmers' viewpoint in regard to livestock auctions is summarized, pp. 24-27.

99. Fetrow, W. W. Attitudes of Oklahoma farmers toward the Oklahoma cotton growers' association. Okla. Agr. Expt. Sta. Bull. 178, 60pp. Stillwater, Okla., [1928]

"This study was undertaken to find the extent to which the Oklahoma Cotton Growers' Association was functioning to the satisfaction of the farmers, and to determine the causes for the attitudes of the members." - p. 7.

This study is based on interviews with 519 farmers who were members of the association, and with 336 farmers who were not members located in three sections of the cotton belt of Oklahoma.

100. Fetrow, W. W. The farmer's part in cooperative marketing. Okla. Agr. Expt. Sta. Bull. 174, 23pp. Stillwater, Okla., 1928.

"...If farmers understood thoroughly the cooperative method of marketing and their proper relation to it, it is safe to assume that progress would be much more rapid.

"In order to bring about this understanding it is first necessary to find what the farmer thinks his duties are in order to have a definite starting place for constructive education in cooperative marketing attitudes and relations. The purposes of this study are: to determine what representative farmers in the cotton belt of Oklahoma think their duties are; to find to what extent these farmers are performing their duties to their cooperative; and to outline as clearly as possible the farmer's most important duties toward cooperative marketing.

"The data for this study were secured during the fall and winter of 1925 and 1926 in the southwest, south central and eastern sections of the cotton belt of Oklahoma. Data were collected by personal interviews from farmers who were members of the Oklahoma Cotton Growers' Association and farmers who were not members." - p. 4.

101. Fetrow, W. W. Some economic conditions of cotton farmers in Oklahoma which affect their attitude toward cooperative marketing. Okla. Acad. Sci. Proc. (1927) 7: 219-223. 1928. 500.0k42 v. 7
From interviews with over 800 farmers in Oklahoma it was found that their attitudes towards cooperative marketing and particularly the Oklahoma Cotton Growers' Association were affected by various factors, including tenancy, types of farming and credit conditions.

102. Henning, George F., and Eckert, Phil S. Farmers' attitudes toward live-stock auctions. Ohio. Agr. Expt. Sta. Bi-monthly Bull. 21(182): 118-121. Wooster, September-October 1936.
This article is based on a study made in Ohio in 1934 and 1935.

103. Jones, J. W., and Jesness, O. B. Membership relations of cooperative associations. (Cotton and tobacco) U. S. Dept. Agr. Dept. Circ. 407, 29pp. Washington, D. C., 1927. 1 Ag84D
Four associations (two that marketed cotton and two that marketed tobacco) were selected for study as representative of the centralized cooperative associations in the South. From interviews with members information was obtained on the following subjects: "Members ideas of the purposes, possibilities, and limitations of cooperative marketing associations; degree of satisfaction and anticipations realized; causes of dissatisfaction; understanding and appreciation of marketing services performed by the association; and knowledge of the association and its operation."

104. Lewis, R. F. Membership attitudes and relations. Natl. Assoc. Marketing Officials. Proc. (1926) 8: 47-53. 280.39 N213P
Farmers will have the right attitude towards cooperatives if they are informed about them.

105. Manny, Theodore Bergen. Farmers' experiences and opinions as factors influencing their cotton-marketing methods. U. S. Dept. Agr. Circ. 144, 62pp. Washington, D. C., 1931. 1 Ag84C
This study was based on interviews with farmers in North Carolina and Alabama. The findings are presented under the following subjects: Characteristics of farm operators classified by their membership relations to cotton cooperative-marketing associations; Farmer attitudes toward and opinions of the cooperative cotton-marketing associations; Environmental and psychological factors that bear upon membership relations in cooperative cotton-marketing associations.

106. Manny, Theodore Bergen. Problems in cooperation and experiences of farmers in marketing potatoes. U. S. Dept. Agr. Circ. 87, 24pp. Washington, D. C., 1929. 1 Ag84C

This study is based on four Eastern Shore counties, Accomac and Northampton in Virginia, and Somerset and Worcester in Maryland.

"During the course of this study 898 farmers and 57 merchants and bankers were personally interviewed in February and March, 1928, concerning their experiences with and opinions of the exchanges and the Eastern Shore Farmers' Association. Incidentally the replies indicate something of the attitudes of these people themselves toward cooperative marketing."

107. Manny, Theodore Bergen. What farmers say about marketing Eastern shore potatoes and what farmers suggest for better marketing. A preliminary report. 12pp., processed. Washington, D. C., U. S. Department of agriculture, Bureau of agricultural economics, 1928. 1.9 Ec763W

Issued in cooperation with the University of Maryland and Virginia Agricultural Experiment Station.

This report is based on interviews with 898 farmers, bankers and business men in Accomac and Northampton Counties, Virginia, and Somerset and Worcester Counties, Maryland in the spring and summer of 1928.

108. Manny, Theodore Bergen. What Ohio farmers think of farmer-owned business organizations in that State. U. S. Dept. Agr. Circ. 240, 24pp. Washington, D. C., 1932. 1 Ag84C

This study was made in cooperation with the Ohio State University and the Federal Farm Board.

It is based on interviews with 1,372 farmers in 14 counties in Ohio. "The purpose of this report is to present a summary of the farmers' replies concerning their experiences with and opinions of the work of the farmer-owned business organizations together with a brief interpretation of the significance of these replies."

109. Scanlan, John J., and Tinley, J. M. Business analysis of the Tobacco growers' cooperative association. U. S. Dept. Agr. Circ. 100, 152pp. Washington, D. C., 1929. 1 Ag84C no. 100

This study was begun in 1927 in the three States in which the Association operated, Virginia, North Carolina, and South Carolina. Questionnaires were sent out to members to determine their attitude toward the association.

110. Sherman, R. W. A study of cooperative milk marketing associations in four Ohio markets. Ohio Agr. Expt. Sta. Bull. 574, 61pp. Wooster, Ohio, 1936.

"This study was a joint project with the Cooperative Division, Farm Credit Administration, Washington, D. C. . ."

The markets studied were Akron, Columbus, Dayton and Portsmouth. In addition to information obtained from the records of the

associations and the members, the "views and attitudes toward their association and its activities" were obtained by personal interviews with members.

111. Zimmerman, Carle Clark. Farmers' marketing attitudes, 54pp. [St. Paul, 1927; 280.3 Z6 Thesis (Ph.D.) - University of Minnesota, 1925.

"The purposes of this study were to discover the attitudes of the farmers of Minnesota toward marketing problems, and particularly toward co-operation; to discover the genesis of these attitudes, and to point out their significance in programs of organization and education in the field of marketing."

Farmers in selected communities throughout the State were interviewed to obtain the data.

112. Zimmerman, Carle Clark, and Black, John D. The marketing attitudes of Minnesota farmers. Minn. Agr. Expt. Sta. Tech. Bull. 45, 54pp. University Farm, St. Paul, 1926.

"The purposes of this study were to discover the attitudes of the farmers of Minnesota toward marketing problems, and particularly toward co-operation; to discover the genesis of these attitudes, and to point out their significance in programs of organization and education in the field of marketing."

The data were obtained through interviews with 345 farmers in nine communities in Minnesota.

This study is summarized by Carle C. Zimmerman in A Report on Research in Rural Sociology at the University of Minnesota in American Journal of Sociology v. 32, no. 1, pt. 2, pp. 271-274. July 1926.

113. Zimmerman, Carle Clark. Types of farmers' attitudes. Social Forces 5(4): 591-596. June 1927. 280.8 J823

The conclusions stated in this paper are based on a bulletin by Carle C. Zimmerman and John D. Black, published by the Minnesota Agricultural Experiment Station in 1926 as Technical Bulletin no. 45, The Marketing Attitudes of Minnesota Farmers (See above).

Attitudes Towards Relief

114. Hoffsommer, Harold. Landlord-tenant relations and relief in Alabama. U. S. Fed. Emergency Relief Admin., Div. Research Statis. and Finance, Research Sec. Research Bull, ser. II, no. 9, 33pp. [Washington, D. C.] Nov. 14, 1935. 173.2 W89Reb ser. II, no. 9

The author includes a section on the attitudes of landlords towards relief for tenants. A table shows the attitude of clients towards relief.

115. Kirkpatrick, Ellis Lore, and Ferguson, Winifred. Survey of relief with reference to rural rehabilitation. 67pp., processed. Madison, Wis., Emergency relief administration, 1935. 281.2 K63S
The study was conducted cooperatively by the Rural Division of the Wisconsin Emergency Relief Administration, The Department of Rural Sociology of the Wisconsin Agricultural Experiment Station, and the Division of Research, Statistics and Finance of the Federal Emergency Relief Administration.

"Field work was conducted during the spring and early summer of 1934, in thirteen counties chosen to represent the state from the standpoint of natural resources, type of farming areas, and the extent of relief granted from different sources. The counties included Green, Iowa and Richland representing the southern areas; Waushara, Clark, Marathon, Oconto, Lincoln and Rusk representing the central area; and Forest, Iron, Sawyer and Burnett representing the Northern area."

For each area studied, among other things, "an attempt was made to show the general attitudes toward the granting of aid and its probable effect on community living."

116. Larson, Olaf F. Rural households and dependency. Colo. Agr. Expt. Sta. Bull. 444, 48pp. Fort Collins, May 1938.

In cooperation with the Rural Section, Division of Social Research, Works Progress Administration.

"This report gives the data applying to Colorado from a nationwide study designed to show in what ways, if any, the rural households receiving public emergency relief in October 1933 differed from their nearest neighbors who had not received such relief.

"Data were secured from 1,071 rural households - 357 relief and 714 non-relief - in Baca, Elbert, and Larimer Counties. The term 'rural' included farm population and the non-farm population living in places of less than 2,500 population..."

"Besides comparing relief and non-relief households, the study reveals new information concerning the geographic and occupational mobility of the total population in the sample counties. It has shown that each county has distinctly different population characteristics and behavior, which means that each has distinct social and economic problems. Finding these differences shows the necessity for studying the rest of the state to determine areas having common characteristics.

"The discovery of these variations in the social patterns has implications for all programs and agencies working in rural areas; they infer the necessity of adapting plans to local conditions rather than attempting stereotyped procedures on a state, regional, or nation-wide basis if the greatest measure of achievement would be secured." - Summary.

117. Morgan, E. L. National policy and rural public welfare. *Rural Sociol.* 1(1): 8-19. March 1936. 281.28 R88

This paper was read before the Section on Rural Sociology of the American Sociological Society, New York City, December 1935.

It is important to understand the difference between urban and rural welfare work. This difference lies chiefly in the farmer's attitude toward welfare work, due to the conditions under which he works. The emergency program of the Federal Government has made its impact on rural life, and it should be a part of the permanent program to provide for "a thorough dissemination among rural people of the philosophy of modern public welfare."

118. Webb, John N. The migratory-casual worker. *U. S. Works Prog. Admin., Div. Social Research, Research Monog.* 7, 128pp. Washington, D. C., 1937. 173.2 W89Re no. 7

Chapter 5, Some personal characteristics, contains sections giving the attitudes of these migratory-casual workers, many of whom are agricultural laborers, towards relief and towards politics.

FAMILY AND COMMUNITY LIFE

119. Ashby, A. W. The sociological background of adult education in rural districts. 27pp. London, British institute of adult education, 1935. (Life and leisure pamphlets no. 2) 281.2 As3S

"This is a brief summary of the human factor in rural areas as related to adult education. Migration and the quality of the rural population, types of rural communities (by form of residential settlement, and by economic activities of the residents), the influence of the community upon the individual and the psychology of rural people are considered in this connection. The closing section defines the purpose of adult education (in view of existing backgrounds) as 'that of drawing members of, (adult education) classes - and through them the whole community - into the main streams of civilization. It must not "ruralize" but must "socialize," and the latter in the expansive rather than the restrictive sense... But whatever may be possible in the transfer of information, and in the deeper sense, in imparting knowledge, the main consideration as regards the future of rural society is the modification of its ways of life, possibly the making of a new way of life.'" - Review by T. B. Manny. - *Agr. Econ. Lit.* 9(3): 135. March 1935.

120. Burt, Henry J. Contacts in a rural community. *Mo. Agr. Expt. Sta. Research Bull.* 125, 75pp. Columbia, Mo., 1939.

The abstract of this report reads in part as follows: "This is a study of contacts in a mid-western trade-area agricultural community. It is based on a daily record of all contact events which

took place during a period of three months...In per capita contacts of all types, both inside and outside the community, the groups ranked as follows, the highest standing first: Country young people, country children, village young people, village children, village adults, country adults. In general, the village people experienced more contacts both inside and outside the community than did country people..."

121. Dietz, Johann Friedrich. Das dorf als erziehungsgemeinde. 175pp. Weimar, Hermann Böhlaus Nachfolger, 1927. (Forschungen und werke zur erziehungswissenschaft. hrsg. von prof. dr. Petersen, 7. bd.) Literaturverzeichnis, pp. 170-175.
This is a study of the place of the village in community education.

122. Dodson, L. S. Some relationships and institutions in an established rural community, South Holland, Illinois. U. S. Dept. Agr. Farm Security Admin. Social Research Rept. no. 16, 56pp., processed. 1.95 Sol
Issued in cooperation with the Bureau of Agricultural Economics.
"This study is primarily concerned with the contrast between the South Holland community and the towns and cities surrounding it. Basically, the attitudes and behavior of South Holland are rural, while the attitudes and behavior of the surrounding area are industrial and urban. This report attempts to perform three tasks: first, to show that South Holland is different and remains different; second, to explain why it is different; and third, to present a cross-section description of the community as it is today."

123. Edwards, A. D. Influence of drought and depression on a rural community; a case study in Haskell County, Kansas. U. S. Dept. Agr. Farm Security Admin. Social Research Rept. no. 7, 116pp., processed. January 1939. 1.95 Sol
Published in cooperation with the Bureau of Agricultural Economics.
"The fundamental purpose of the study has been to answer, if possible, the question, what happens to the social institutions and human relationships in a community that is compelled to make drastic alterations in its farming and economic life because of drought and depression."
Chapter 7, Attitudes and opinions of farmers in the drought area, pp. 91-96, considers their attitudes toward farming, the drought, and federal assistance, including the farm program and the relief program.

124. Hawthorn, Horace Boies. Methods of studying personality development in rural and urban groups. Amer. Sociol. Soc. Papers and Proc. (1928) 23: 274-275. (Amer. Sociol. Soc. Publs. 1929, 23d)
280.9 An37 23d

This paper considers the following questions: "Can sociology and psychology furnish us any objective, scientific bases for conceiving of and measuring personality growth under the influence of urban and rural groups? If so, what are these methods?" The author writes: "It is a mistake to believe that these personality processes differ to any marked degree among different races or peoples or in country or city. The process of making a human being is much the same the world over, the only real difference being in the proportioning and speed of the different personality-building factors...It is interesting to note that our studies of rural life have lost sight of the individual personality in their emphasis upon neighborhood, institution, and community, while urban sociology has in certain respects neglected the institution and community in its attention to the individual."

125. Hill, George W., Slocum, Walter, and Hill, Ruth O. Man-land adjustment; a study of family and inter-family aspects of land retirement in the Central Wisconsin Land Purchase Area. Wis. Agr. Expt. Sta. Research Bull. 134, 80pp. Madison, 1938.

This study was made in parts of Juneau, Jackson, Menroe, Wood, Clark and Marathon counties.

Its scope is indicated in the following quotation:

"Problems of man-land adjustment appear whenever man uses land for the production of food and fibre to sustain life. Land by itself neither creates nor offers any problems, but when man once starts to utilize it for his benefit, he modifies natural conditions and there comes into being a series of relationships or adjustments between him and the land. These relationships may reach occasional equilibrium, but the balance seldom remains very long. Relationships change, and new adjustments are necessary. These never-ending changes constitute the dynamic process of man-land adjustment.

"The framework within which this process takes place consists in the management of the land base by man, usually working in a family unit, in such a way that what he produces may be converted into the satisfactions of family living. These satisfactions include not only food, clothing, shelter, and other material consumption goods, but also emotional satisfactions and the participation of the family and its members in private and public relationships with other families both singly and in groups. A farm family is not a 'going concern' until it has worked out:

"(1) a satisfactory level of living based on economic and emotional adjustments to its land,

"(2) inter-family relations made up of patterns of mutual aid and informal personal contacts which constitute the primary groups, and

"(3) a willingness and ability, as a unit of the inter-family group, to secure and to support the needed public services.

"It is with these family and inter-family aspects that this study of the process of man-land adjustment is specifically concerned."

126. Hypes, James Lowell. Social participation in a rural New England town. 102pp. New York, Bureau of publications, Teachers College, Columbia University, 1927. (Columbia Univ. Teachers College. Contributions to Education, no. 258) 281.2 H99

Bibliography, pp. 101-102.

The author writes in the Summary "This has been aimed as a quantitative study in primary group behavior in which social participation and its determinants have been correlated and, as far as possible, analyzed in the light of their broad sociological backgrounds."

The study is based on house to house surveys in the town of Lebanon in New London County, Connecticut, July 1, 1923 to June 30, 1924.

127. Kirkpatrick, Ellis Lore, Kolb, John Harrison, Inge, Creagh, and Wileden, A. F. Rural organizations and the farm family. Wis. Agr. Expt. Sta. Research Bull. 96, 55pp. Madison, 1929.

"The study deals with the organization behavior of farm families and individuals in selected districts of Wisconsin. Its purpose was to examine the influence of certain conditioning factors and to throw light on the question of what may be expected of the farm family with respect to participation in organization activities."

Statistical and case analysis methods were used in the study. 282 families located in Burnett, La Crosse, Racine, Rock, and Walworth Counties, Wisconsin were interviewed and schedules made for each person in the household ten years of age or over.

128. Kolb, John Harrison. Rural primary groups; a study of agricultural neighborhoods. Wis. Agr. Expt. Sta. Research Bull. 51, 81pp. Madison, 1921.

"...by the primary or neighborhood group is meant that first group beyond the family which has social significance and which has some local consciousness of unity... By community or trade area in the geographic sense is meant a group of farms with a trading center. The primary group is essentially a psychological thing for the study of which objective standards and geographic measurements have been used. The community or trade area may or may not be a significant social group although it is usually. This study has been concerned primarily with the strictly open country groups in their relation to the individual, to other such groups, and to the groups centering in the villages or cities." - p. 66.

The study was based on a survey of the farm families in Dane County, Wisconsin.

129. Kolb, John Harrison, and Wileden, A. F. Special interest groups in rural society. Wis. Agr. Expt. Sta. Research Bull. 84, 109pp. Madison, 1927.

"The plan of the bulletin as a report of the findings of the present study is first to classify the interests about which organized groups formed. Then comes an analysis of the characteristic structures and processes of the groups taken as a whole, then the distinguishing characteristics of the various types. Next there is presented under the title, the Natural History of Interest Groups, a kind of summary showing the cycles and processes through which such groups pass. In this section, too, some cases or stories of individual groups are given in order to show more vividly and intimately just how these kinds of group organizations behave. These groups are seldom found singly but rather as a part of a larger movement; therefore a section is devoted to inter-group relations with illustrative cases of movements. The last section which may be regarded as an appendix, contains a few methodology notes regarding the study as a whole." - p. 5.

130. Kulp, Daniel Harrison. Country life in South China; the sociology of familism. Volume I, Phenix Village, Kwantung, China. 367pp. New York, Bureau of publications, Teachers College, Columbia University, 1925. 281.2 K95 v.1.
"Special bibliography," pp. 347-348.
This is a study of the social and cultural attitudes of rural southern Chinese as shown by a survey made in Phenix Village in 1918 and 1919 and supplementary investigations made in 1923.

131. Lively, C. E. Type of agriculture as a conditioning factor in community organization. Amer. Sociol. Soc. Papers and Proc. (1928) 23: 35-50. (Amer. Sociol. Soc. Pub. 23. 1929) 280.9 Am37, 23d
The author's abstract follows: "Type of agriculture consists of the particular combination of plant and animal enterprises promoted on the farms of a given area. It is influenced by physical, biological, and social factors, and conditions community life in a number of ways... Psychologically, certain attitudes appear to be correlated with certain types of agriculture, though they are by no means easy to delineate. Thus, the grain farmer appears to be more dynamic but less stable, more favorable to innovation but perhaps less likely to make it succeed, than dairy-farming society."

132. Melvin, Bruce L. Age and sex distribution in relation to rural behavior. Amer. Sociol. Soc. Papers and Proc. (1928) 23: 93-103. (Amer. Sociol. Soc. Pubs. 23. 1929) 280.9 Am37 23d
"It is believed that age and sex distribution does play a part in conditioning and determining the action of groups, as indeed do the cultural level, traditions, and economic status..."

133. Melvin, Bruce L. The sociology of a village and surrounding territory. N. Y. (Cornell) Agr. Expt. Sta. Bull. 523, 138pp. Ithaca, 1931.
"This bulletin is divided into two parts. The first part deals with the social structure of the villages and the open country,

and the activities and relationships of the groups found in the whole area; in the second part the evolution of the population and the various institutions, agencies and organizations is traced, and the interrelation of the changes in the population composition and in the group activities is discussed." - p. 12. The survey was made in the southern part of Cortland County and the northern part of Broome County in New York in 1928 and 1929.

134. Morgan, E. L., and Howells, Owen. Rural population groups. Mo. Agr. Expt. Sta. Research Bull. 74, 68pp. Columbia, 1925.

"The present study is an analysis of the rural primary population groups of a typical agricultural county [Boone] of Missouri. The specific task being: first, to discover the first rural grouping above the family in which there is exhibited a community of interest with regard to any of the major needs of life; second, to chart the geographic area which this group occupies; third, to study the characteristics of the group; fourth, to determine its relation to and with other groups." - pp. 5-6.

135. Sanderson, Dwight. The rural community; the natural history of a sociological group. 723pp. Boston, New York [etc.] Ginn and co. [1932] 281.2 Sa52R

Bibliography, pp. 671-706.

Chapter 14 contains a summary of social attitudes and social control of the rural community.

Chapter 16 entitled "The Sociological Significance of the Rural Community" contains sections on the psychological aspects of the rural community and the evolution of social control in the rural community.

136. Schanck, Richard L. Personality of individuals and the rural community pattern. Rural Sociol. 3(2): 159-171. June 1938. 281.28 R88

"A technique called cluster-bloc analysis is used to discover patterns of personality traits common in individuals of a rural community. Several significant gross patterns are discovered, but refinement indicates the essential uniqueness of personality in the degree that it is a synthesis of many attributes. The two most significant patterns might be called strong and weak patterns. The strong pattern is characterized by ascendancy, drive, expansiveness, and social participation. The weak pattern lacks these qualities. Differences in intelligence and socialization divide these large groups into smaller blocs. The rôle of the different blocs in the community is indicated." - Abstract.

137. Schanck, Richard Louis. A study of change in institutional attitudes in a rural community. Jour. Social Psychol. 5(1): 121-128. February 1934. Libr. Cong. HM251.A1J6

This is the report of further study of Elm Hollow, New York, which was the subject of the author's thesis published in 1932 (see below)

138. Schanck, Richard Louis. A study of a community and its groups and institutions conceived of as behaviors of individuals. Psychological Monog. 43(2; whole no. 195): 1-133. 1932. Libr. Cong. BF1.P8 v. 43
"Submitted in partial fulfilment of the requirements for the degree of Doctor of Philosophy in the Graduate School of Syracuse University, February, 1932."

This study was made in a community between Syracuse and Waupon, New York, here called Elm Hollow. The chapter headings follow: Definition of a community; The people of the community; Institutional intra-community groupings; The nature of attitudes of the in-group (institutional); General community attitudes; The nature of community attitudes.

The Introduction discusses the scope and method of the study. The attitudes considered include those toward the church and certain customs of the church, toward local politics, the tariff, and consolidated schools.

139. Schanck, Richard Louis. Test-tube for public opinion: a rural community. Public Opinion Quart. 2(1): 90-95. January 1938.

280.8 P962

This is a continuation of a study made in 1934 of the attitude of the rural community Elm Hollow, New York. The changes in attitude toward a consolidated school and the factors affecting the change are studied.

140. Smith, T. Lynn. Farm trade centers in Louisiana. La. Agr. Expt. Sta. Louisiana Bull. 234, 56pp. Baton Rouge, 1933.

The author in pointing out the importance of the present study writes: "Students of human behavior are pretty well agreed that the behavior and attitudes of individuals are to a considerable extent a function of the system of social organization under which they are reared and live. For this reason additional knowledge concerning the system of social organization, especially concerning trends in social organization, is very important."

The study covered all trade centers in Louisiana except New Orleans and Shreveport in the period 1901 to 1931. It is based on Bradstreet's Book of Commercial Ratings and on the reports of the U. S. Bureau of the Census.

141. Social science research council, Advisory committee on social and economic research in agriculture. Research in rural institutions. Scope and method...John D. Black, editor. Robert G. Foster and C. Horace Hamilton, executive secretaries of Special advisory committee on rural institutions. Social Sci. Research Counc. Bull. 18, 112pp. New York, 1933. 281.29 Sol no. 18

Project 9. Transmission of knowledge and skills within the family (Joint with Rural social psychology)...by Lowry Nelson, pp. 65-66.

142. Steiner, Jesse Frederick. The American community in action; case studies of American communities. 392pp. New York, H. Holt and co. [c1928] (Half-title: American social science series: general editor, H. W. Odum) Libr. Cong. HN55.S65
"Selected bibliography", pp. 373-387.
Many chapters contain sections on the characteristics and attitudes of the people of rural communities. Of especial interest are the following: Chap. 9. Albany [Vermont]; stability and change in a rural community, pp. 193-210; Chap. 14. Croatan [South Carolina]; racial segregation in a rural community, pp. 279-284; Chap. 20. Pinehaven [Mississippi] the disintegration of a rural community, pp. 334-347.

143. Stott, Leland H. The relation of certain factors in farm family life to personality development in adolescents. Nebr. Agr. Expt. Sta. Research Bull. 106, 46pp. Lincoln, 1938.
"This study is concerned with the problem of determining the relation between certain home environmental influences and successful family life. 'Success' in family life was defined in terms of the personality development of the children of the family..."

144. Tönnies, Ferdinand. Gemeinschaft und gesellschaft; grundbegriffe der reinen soziologie. 6. und 7. aufl. 254pp. Berlin, Karl Curtius, 1926. Libr. Cong. HM57.T6 1926
A sociological study of the community and society.

145. Von Tungeln, George H., and Eells, Harry L. Rural social survey of Hudson, Orange, and Jesup consolidated school districts, Blackhawk and Buchanan counties, Iowa. Iowa. Agr. Expt. Sta. Bull. 224, pp. 203-251. Ames, 1924.
Contains opinions of farm families, interviewed relating to local school conditions, reasons why boys and girls leave the farm and recreation.

146. Von Tungeln, George H., and Brindley, W. A. A rural social survey of Lone Tree township, Clay County, Iowa. Iowa. Agr. Expt. Sta. Bull. 193, pp. 217-255. Ames, 1920.
This survey is based on interviews with the families in the township who gave their opinions on local government, the church, why boys and girls leave the farm, social activities, and farming.

147. Von Tungeln, George H., Brindley, W. A., and Hawthorn, H. B. A rural social survey of Orange township, Blackhawk County, Iowa. Iowa. Agr. Expt. Sta. Bull. 184, pp. 393-450. Ames, 1918.
This survey is based on interviews with each family in the township, and gives the opinions of those interviewed regarding local government, education, the church, social activities, and farming.

148. Von Tungeln, George H., Kirkpatrick, Ellis Lore, Hoffer, C. R., and Thaden, J. F. The social aspects of rural life and farm tenantry in Cedar County, Iowa. Iowa Agr. Expt. Sta. Bull. 217, pp. 433-495. Ames, 1923.

"This survey is a detailed study of 400 farms and farm families located in the northwest corner of Cedar county, Iowa. The area comprises Pioneer, Fremont, Red Oak, Linn and the northeast part of Cass townships, exclusive of the incorporated towns of Stanwood and Mechanicsville."

It is based on interviews with each family in the area in the summer of 1920.

The report contains personal remarks of owners and tenants regarding economic and social conditions, education, religious conditions, farming, and existing organizations, and a few personal opinions and remarks of hired help about farm life.

149. Wakeley, Ray E. The communities of Schuyler County, New York, 1927. N. Y. (Cornell) Agr. Expt. Sta. Bull. 524, 74pp. Ithaca, 1931.

This study was made to determine the functional relationships between urban and rural groups and their effect on rural communities.

150. Zimmerman, Carle Clark, and Frampton, Merle E. Family and society; a study of the sociology of reconstruction. 611pp. New York, D. Van Nostrand co., inc., 1935. 280 Z62

This book attempts to show "the need and the value of a different approach to the study of the basic problems of the family" and "to demonstrate its general empirical use in this time of violent crisis and reconstruction now facing America."

Using the Le Play method "supplemented by a statistical treatment of certain information about all families studied," the authors "describe the institutional, functional, and cultural characteristics of a 'family' system of living in one so-called sub-marginal agrarian area", namely Horseneck, Izard County, Arkansas. The psychological and moral characteristics of these Highland dwellers are described, pp. 183-193.

A similar study was made in "a typical rural-industrial one-mill town" located in central Massachusetts. The town is given the fictitious name of Kingsville.

FARM LABOR*

151. Ashby, A. W. The human side of the farming business. Welsh Jour. Agr. 1(1): 16-22. January 1925. 10 W46

Points out the need for scientific study of human or social factors in the farm business.

*This section on Farm labor is very slight and should not be considered even partially complete. This is particularly true for foreign publications. For further references the bibliographies noted should be examined, since this was not done in the preparation of this list.

152. [Aereboe, Friedrich] Steigerung der einzelleistung des arbeiters. Deutsche Landwirtschaftliche Presse 41(46): 563, 564. 1914. 18 D482
In this article on increasing the efficiency of workers "The author calls attention to the fact that the labor supply is one of the most serious of the agricultural problems. He suggests that by the use of the Taylor system the methods of performing farm operations might be improved and the effectiveness of the worker increased." - Expt. Sta. Rec. 31(6): 593. 1914.

153. Brady, R. A. The rationalization movement in German industry: a study in the evolution of economic planning. 466pp. Berkeley, Calif., University of California press, 1933. 280.175 B72
Contains a section entitled "The Case of Agriculture", pp. 271-281, in which the work of the German Reichskuratorium für Technik in der Landwirtschaft is described.

154. Colvin, Esther M., and Folsom, Josiah C. Agricultural labor in the United States, 1915-1935; a selected list of references. U. S. Dept. Agr., Bur. Agr. Econ. Agr. Econ. Bibl. no. 64, 493pp., processed. Washington, D. C., 1935. 1.9 Ec73A
The index of this bibliography should be consulted under Efficiency of agricultural laborers and under various subheads under different kinds of labor, as Hired man, increasing interest and efficiency in work.

155. Colvin, Esther M., and Folsom, Josiah C. Agricultural labor in the United States, 1936-1937; a selected list of references. U. S. Dept. Agr., Bur. Agr. Econ. Agr. Econ. Bibl. no. 72 (supplements no. 64) 205pp., processed. Washington, D. C., 1938. 1.9 Ec73A
The index to this bibliography should be consulted under Efficiency of agricultural laborers; also under various subheads under different kinds of labor as Migratory labor, community attitude toward.

156. Comité national d'études sociales & politiques. La rationalisation en agriculture. 42pp. [Boulogne-sur-Seine, Imprimerie d'études sociales & politiques] 1930. 281 C73R
Contains statements on the application of efficiency methods used in industry to farming.

157. Dunlop, Walter Ronald. The application of psychology to agriculture. 27pp. Wye, Kent, South-Eastern Agricultural College, 1932. 140 D92
Partial contents: Psychology and its applications; Application of psychology to agricultural labour; Application of psychology to farm management; and Application of psychology in agricultural colleges.
The author concludes in part as follows:
"The object of this Bulletin is to indicate the different directions in which psychology can be applied in agriculture and to

summarise the work that has been done in recent years more particularly at the South-Eastern Agricultural College...

"Reviewing the contents generally, it may be said that the Bulletin aims at presenting the whole problem of agricultural practice and education in a new light. Whether on the farm or in the school, the human factor is regarded as the pivotal factor. The greatest stress is laid on the importance of studying the individual, and particularly the individual's mental activity and inclinations.

"The key-note of the Bulletin, from a practical point of view is the evolution, by research, of better methods and systems of vocational education and training.

"The broad implication is that agricultural education stands in need of more psychological or purely educational direction.

"The science of farm labour having for its object increased output with less fatigue and better relations between farmer and worker, can do much for agricultural progress, but it concerns only one limited aspect of farm management. Farmers and workers must be trained to effect all but the most complicated adjustments for themselves.

"It is believed that research in all the main directions indicated should be systematically continued and that psychology and education should be recognized as deserving a high place in the hierarchy of the many sciences that find application in agriculture."

158. Dunlop, Walter Ronald. Efficiency investigations in connection with farming. Report on special research grant. 64pp., processed. London, Development commission, Advisory committee on agricultural science, 1929. Folio 32 D92E

This report covers the period from May 1927 to the end of October 1928 and deals with the efficiency of farm practices in England in harvesting potatoes and sugar beets, milking cows, picking fruit and hops, poultry farming, and miscellaneous farm operations.

159. Dunlop, Walter Ronald. The improvement of farm labour and its management by education. Gt. Brit. Min. Agr. Jour. 37(8): 782-793. November 1930. 10 G79J

The author's summary reads in part as follows: "In this article an attempt has been made to suggest the kind of education which should be provided for the young worker and prospective farmer in order to improve labour and the efficiency of its work on the farms of the country...Throughout the article it is made evident that the main objective is to create, in both farmer and worker, a new attitude of mind rather than to load the mind with a mere assembly of facts."

Investigations are being carried on at the South-Eastern Agricultural College, Wye, as to what education should be and how to get it.

160. Dunlop, Walter Ronald. An investigation of certain processes and conditions on farms. 71pp. London, National institute of industrial psychology [1927] (National institute of industrial psychology, Report 2) 280.3 D912

"This report describes the first applications of the methods of industrial psychology to agriculture and horticulture in this country [England]. The investigation was carried out under the supervision of the National institute of industrial psychology on the College and neighbouring farms of the South Eastern Agricultural College (University of London) at Wye, Kent..."

The investigation was carried on in the summer of 1926 and relates to picking and packing fruit and milking cows.

This report is summarized in an article entitled "Labour Efficiency Investigations in English Farming" in International Labour Review 21(5): 700-710. May 1930. 283.8 In8

161. Dunlop, Walter Ronald, and Harland, S. C. Manual work in the tropics. Natl. Inst. Indus. Psychol. Jour. 2(7): 305-312. July 1925. Libr. Cong. T58.A2N35

The author concludes as follows:

"Of the four separate studies of agricultural work in Trinidad [West Indies] here described and carried out, with the principal object of exploring the tropical field in regard to its possibilities for industrial psychological research, a forking experiment with six men indicated the existence of great individual differences as regards capacity, while the work curves themselves suggested several points of interest; another experiment connected with the potting of cacao was accompanied by an increased output without undue fatigue, and suggests what may be achieved in this direction; observations in regard to the tapping of rubber trees and the cutting of sugar-cane showed that, in all probability, useful and interesting results would follow psychological and physiological investigation."

162. Folsom, Josiah C. Truck-farm labor in New Jersey, 1922. U. S. Dept. Agr. Bull. 1285, 38pp. Washington, D. C., 1925. 1 Ag84B

"The object of the present study was to investigate in a region in which truck farming predominated, the conditions of agricultural employment, best methods of obtaining and keeping a good class of laborers, opportunities for other employment during the dull season, and characteristics of farm laborers and their attitude toward farm life, and their ambitions for the future."

163. Forster, Garnet Wolsey. Farm organization and management. 432pp. New York, Prentice-Hall, inc., 1938. 281.12 F77 1938.

References at ends of chapters.

The author states that scientific management as developed in industry to analyze each element of man's work does not apply generally to farming for various reasons.

In the chapter on The Management of Labor and Working Capital he points out the need for careful selection of farm laborers, for developing the proper attitude toward the work, and for providing for the social life of the laborer.

164. International institute of agriculture, Rome. L'organisation scientifique du travail agricole en Europe. 244pp. Rome, Impr. de la Chambre des députés, C. Colombo, 1931. 283 In84

This monograph is the result of a study made by M. N. Tcherkinsky of the work of the institutes and societies in various European countries which are studying scientific organization of agricultural labor. Chapters are included on methods of research; social and economic conditions to be considered in the application of Taylorism to agriculture; the application of the science of agricultural labor to small farms; and the science of psychology in agriculture.

The bibliography appended to this study, pp. 203-235, should be examined for references to the literature on the subject of scientific organization as applied to agricultural labor in various European countries, since items listed in it have not been included in the present bibliography.

165. International institute of agriculture, Rome. Present position of the development of scientific management in Polish agriculture 1928. Internat'l. Rev. Agr. 19(10): 861-865. October 1928. 241 In82

This article gives information supplied by the Polish Minister of Agriculture on the application of the Taylor system to Polish model farms and on other work on scientific management in Poland.

166. International management congress, 7th, Washington, D. C., September 19th to September 23rd, 1938. Agriculture. 158pp. Baltimore, Md., 1938. 249.09 In807

Seventh International Management Congress Sponsored by the National Management Council of the U. S. A.

Papers of especial interest are the following: How is the interest of the farm laborer to be enlisted in improving the output of the farm? by J. P. Dykhuis, pp. 97-99; Increasing the efficiency of drivers of agricultural machinery, by John Paleologue, pp. 148-149.

Both of these articles deal with methods of remuneration designed to increase efficiency.

167. Jones, J. Morgan. The study of farm labour in Germany. Agr. Econ. Soc. [England] Jour. of Proc. 1(3): 25-36. December 1930. 281.9 Ag8 v. 1, no. 3

Describes the work which has been carried on in Germany since 1920 by the Research Institute for Farm Labour, at Pommritz. The author states that "The general purpose of the station is: 'through critical and systematic investigations to improve the labour element in agriculture so that with as little application of energy as need be, as much and as good work as possible be done and that consequently the amount of labour used and its result stand in a favourable relation to each other.'"

168. Jutila, K. T., and Ekko, P. Scientific organisation of agricultural work in Finland. Internat'l. Inst. Agr. Monthly Bull. Agr. Econ. and Rural Sociol. [reprint from the Internat'l. Rev. Agr.] 23(8): 219-249. August 1932. 280.29 In83

This report was presented for the Association for Rationalisation of Farm Work in Finland and describes the investigations carried on by the Association. Some of the data of this report were used by the International Institute of Agriculture in its report entitled "L'organisation Scientifique du Travail Agricole en Europe." (See above)

169. Klauder, G., and Schönberg, M., ed. Beiträge zur landwirtschaftlichen betriebswissenschaft. Eine widmungsgabe zum 60. geburtstage des herrn geh. regierungsrate universitäts-professors dr. Friedrich Falke. various paging. Dresden und Leipzig, T. Steinkopff, 1931. 281.175 K66

Contents: Schönberg, M. Landwirtschaftliche beratungslehre. 92pp.; Klauder, G. Grundsätze zur landwirtschaftlichen betriebsstatistik. 86pp.; Geith, R. Weideerträge und betriebswirtschaft. 49pp.; Waldhäusl, F. W. Zur beurteilung des risikos im landwirtschaftlichen betriebe. 48pp.; Radtke, Rudolf. Die dauerweiden im freistaate Sachsen. 78pp.

Contains bibliographies.

"This volume was dedicated to Dr. Falke in honor of his 60th birthday, and in recognition of his work in farm management. The five articles making up the book deal either directly or indirectly with that subject. They do not form a related series, and no attempt has been made to build one into the other. They have in common the subject of farm economics, and the fact that Dr. Falke was responsible for stimulating and assisting the writers in the preliminary investigations."

"Dr. Schönberg's article on the methodology of farm planning, 'Landwirtschaftliche beratungslehre,' is highly philosophical and gives especial consideration to the psychology of the small farmer. He claims that the farm plan is a compromise between two demands 'What is to be done?' and 'What is to be left undone?' The 'advance estimate' or budget is his objective procedure for solving these questions..." - Review by W. J. Roth, Agr. Econ. Lit. 6(6): 347. June 1932.

170. Moszczeński, Stefan. Racjonalizacja pracy w gospodarstwach wiejskich. 164pp. Warszawa, Makiad Własny, 1934. 281 M584

French resumé: "Rationalisation de la main d'œuvre et de la direction administrative des exploitations agricoles rurales."

"Literatura", pp. 161-164.

The author uses the term "rationalisation" to mean the introduction of scientific principles where formerly routine prevailed. The application of scientific principles to labor has usually been associated with the name of Taylor. At the same time that Taylor was introducing his methods, the late Charles Adamiecki of the

Ecole Polytechnique of Warsaw was working along similar lines. His methods have been applied in Poland and Russia. The present work is a collection of articles which the author has published on the application of these scientific principles to agriculture.

The articles cover the following: Taylorism in rural economy; The philosophy of agricultural bookkeeping; Methods of measuring time in farm cultivation; Modern methods of remunerating agricultural labor; Means of relieving the physical efforts of the agricultural laborer; History of farming; What is the practical application of the deductive method in the present crisis?

171. Myers, Charles Samuel. Industrial psychology. 252pp. London, Thornton Butterworth ltd. [1929] (Home University Library of Modern Knowledge [no. 140]) Libr. Cong. BF56.M84
Chapter 13, Industrial Psychology and Agriculture, by W. R. Dunlop, describes some of the studies which have been made by the National Institute of Industrial Psychology, and points to the need for further study and education along these lines.

172. Paasch-Heinrichau, E. Arbeitsrationalisierung und roherträge in ihrer auswirkung auf das kulturartenverhältnis. Journal für Landwirtschaft 80(1): 1-20. 1932. 18 J825
"A discussion of labor rationalization and gross returns as related to various types of crops..." - Agr. Econ. Lit. 6(7): 509. September 1932.

173. Pond, George A., and Wilcox, Walter W. A study of the human factor in farm management. Jour. Farm Econ. 14(3): 470-479. July 1932. 280.8 J822
A description of the methodology followed in the study of the human element in farm management made by the Minnesota Agricultural Experiment Station.

174. Schulze, Georg. Das eigeninteresse im landwirtschaftlichen grossbetrieb. Landwirtschaftliche Jahrbücher 46(1): 41-88. March 1914. 18 L23 v. 46
"The author discusses various means that can be employed to arouse an interest among the workers on large agricultural establishments similar to that of ownership. Among the means mentioned are premiums or supplementary wages, sharing in the profits, and the working up of rivalry by assigning a portion of the farm to an individual or a group of individuals. In the care of animals he found a natural pride that is easily stimulated by the use of any of the above means. A brief bibliography is included." - Expt. Sta. Rec. 31(6): 593. 1914.

175. Seedorf, Joh. J. Wilhelm. Landarbeitslehre. Woher? - wohin? Illustrierte Landwirtschaftliche Zeitung 49(16): 177-178. April 19, 1929. Pam. Coll. (Seedorf)

Bureau of Agricultural Economics Library has an English translation by A. M. Hannay with title "The Science of Agricultural Labor. Whence? - Whither?"

The general studies of labor physiology and psychology need to be applied to the special problem of agricultural labor.

176. Seedorf, Joh. J. Wilhelm. Methods and results of research work on the efficiency of human labor on German farms. Internat'l. Conf. Agr. Econ. Proc. (1930) 2: 952-966. 281.9 In8
Bibliography, pp. 964-966.
This paper is a statement of the work done in Germany "in order to work out the most efficient methods of performing various farm operations" by the application of the Taylor system to agriculture.

177. Seedorf, Joh. J. Wilhelm. Scientific management of agricultural labour, its development in Germany, and its international importance. Internat'l. Rev. Sci. and Pract. Agr. [Rome]n.s. 4(4): 743-755. 1926. 241 In82
Bibliography, p. 755.
Prof. Seedorf tells of the progress that has been made in Germany in making scientific studies of agricultural labor, and points out the need for an international study of agricultural tools to determine the different degrees of usefulness.

178. Social science research council, Advisory committee on social and economic research in agriculture. Research in farm management. Scope and method...John D. Black, editor. H. R. Tolley, executive secretary of Special Advisory Committee on Farm Management. Social Sci. Research Counc. Bull. 13, 322pp. New York, 1932. 281.29
Sol no. 13
Project 35, Human Aspects of Entrepreneurship in farming...by Walter W. Wilcox and George A. Pond, pp. 305-313.
The objective of this project is "To measure the influence of human factors on financial success in farming (Joint with Rural Social Psychology)."

179. Tismer, Johannes. Aus der geschichte des landvolks beiträge zur geschichte der landarbeit. 85pp. Berlin, Deutsche landbuchhandlung [1931] (Seedorf, W. von. Schriften, über landvolk und landbau, heft 1.) 18 Sch7 heft 1
"Literatur", pp. 75-85.
"In the introduction which is signed by Dr. W. Seedorf a tribute is paid to the work of Heinrich Sohnrey in bringing about a recognition of the importance of a study of the human factor in agriculture, and of applying the knowledge thus gained to the practical problems of the farm. Dr. Seedorf thinks that the problems of farm management will take on a different aspect when the human factor is placed in the foreground."

"The first study in this series is an attempt to present a historical survey of the consideration which has been given in the past to the human being in relation to his work." - Agr. Econ. Lit. 6(6): 356-357. June 1932.

180. Wilcox, Walter W. The human factor from the viewpoint of farm management. Jour. Farm Econ. 14(1): 119-127. January 1932. 280.8 J822
"This paper was read at the joint luncheon of the American Farm Economics Association and the Rural Sociology section of the American Sociological Society held at Washington, D. C., Dec. 28, 1931."
An explanation of the objectives and methods of the studies being made at the Agricultural Experiment Stations in Minnesota and Indiana in cooperation with psychologists at both universities of the "nature and results of the human factors affecting the farm families' economic accomplishments."

181. Wilcox, Walter W., and Lloyd, O. G. The human factor in the management of Indiana farms. Ind. Agr. Expt. Sta. Bull. 369, 23pp. Lafayette, Indiana, 1932.
"The study with which this report deals had for its chief objective the analysis of the personal history and characteristics of a number of farm operators in order to determine the factors responsible for differences in their financial achievement.
"The first section of this report deals with a statistical analysis of the personal factors correlated with labor income. The second section deals with three groups of men who have been farming a number of years and represent three distinct levels of financial progress or success. Here, a brief space is devoted to showing the physical factors responsible for this difference in financial progress."

182. Wilcox, Walter W. Important in farm management...the human factor. Iowa. Agr. Col. Ext. Serv. Iowa Farm Econ. 4(1): 15. January 1933. 275.28 Io92
A brief summary of the surveys which he conducted at the Indiana and Minnesota agricultural experiment stations.

183. Wilcox, Walter W., and Pond, George A. Relation of variations in the human factors to financial returns in farming. Minn. Agr. Expt. Sta. Bull. 288, 65pp. University Farm, St. Paul, 1932.
"This study is concerned with the factors influencing the capacity and efficiency of management, namely, the personal characteristics of the farmer and his family which, in turn, are due to the combination of hereditary and environmental influences.
"This study, being experimental and methodological in nature, is more concerned with exploring all approaches to the problem than seem promising rather than with organizing the efforts expended in such a way as to permit broad generalizations from the results."

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- No. 9. Selected list of references on grain sorghums, grass sorghums, and broom corn. December 1925. Supply exhausted.
- No. 10. Research in rural economics and rural sociology in the Southern States since 1920; a list of the published, unpublished, and current studies. January 1926.
- No. 11. Economic periodicals of foreign countries published in the English language; a selected list. February 1926. Revised, March 1930.
- No. 12. Government control of export and import in foreign countries. February 1926.
- No. 13. Cooperative marketing of tobacco; a selected list of references. February 1926. Supply exhausted.
- No. 14. Factors affecting prices; a selected bibliography, including some references on the theory and practice of price analysis. March 1926.
- No. 15. Alabama; an index to the State official sources of agricultural statistics. March 1926.

No. 16. Periodicals relating to dairying in the U.S., received in the U.S. Department of Agriculture. June 1926.

No. 17. Farm youth; a selected list of references to literature issued since January 1920. October 1926. (Supplemented by No.65)

No. 18. Price fixing by governments 424 B.C. - 1926 A.D.; a selected bibliography, including some references on the principles of price fixing, and on price fixing by private organizations. October 1926.

No. 19. The apple industry in the United States; a selected list of references on the economic aspects of the industry together with some references on varieties. June 1927.

No. 20. Bounties on agricultural products; a selected bibliography. July 1927.

No. 21. Oklahoma; an index to the State official sources of agricultural statistics... including a list of the unofficial sources of Oklahoma agricultural statistics. August 1927. Supply exhausted.

No. 22. A list of international organizations interested in agriculture. November 1927. Supply exhausted.

No. 23. Control of production of agricultural products by governments; a selected bibliography. December 1927.

No. 24. The poultry industry; a selected list of references on the economic aspects of the industry, 1920-1927. February 1928.

No. 25. Taxation and the farmer; a selected and annotated bibliography. June 1928.

No. 26. Labor requirements of farm products in the United States; a list of references to material published since 1922. April 1929..

No. 27. Agricultural relief; a selected and annotated bibliography. June 1929. (Superseded by No.50)

No. 28. The strawberry industry in the United States; a selected list of references on the economic aspects of the industry. September 1929.

No. 29. Valuation of real estate, with special reference to farm real estate. November 1929. (Superseded by No.60)

No. 30. Large scale and corporation farming; a selected list of references. November 1929. (Supplemented by No.69)

No. 31. California; an index to the State sources of agricultural statistics. Part I. - Fruits, vegetables and nuts; an index to the official sources. Sections 1 and 2. January 1930; Part II. - Crops other than fruits, vegetables and nuts; an index to the official sources. June 1930; Part III. - Livestock and livestock products; an index to the official sources. January 1931; Part IV. - Land, farm property, irrigation, and miscellaneous items; an index to the official sources. April 1931; Part V. - An index to some unofficial sources. February 1930.

No. 32. Rural standards of living; a selected bibliography. August 1930.
(Superseded by Miscellaneous Publication 116)

No. 33. Wheat; cost of production, 1923-1930. References relating to the United States and some foreign countries. January 1931.

No. 34. Business and banking periodicals reviewing the business situation. August 1931.

No. 35. Switzerland; a guide to official statistics on agriculture, population, and food supply. March 1932.

No. 36. The grape industry; a selected list of references on the economic aspects of the industry in the United States, 1920-1931. March 1932.

No. 37. Advantages and disadvantages of country life. May 1932.

No. 38. List of State official serial publications containing material on agricultural economics. July 1932.

No. 39. Greece; a guide to official statistics of agriculture, population, and food supply. October 1932.

No. 40. Barter and scrip in the United States. February 1933.

No. 41. The domestic allotment plans for the relief of agriculture. February 1933.

No. 42. Measures taken by foreign countries to relieve agricultural indebtedness. March 1933. Supply exhausted.

No. 43. Part-time farming; a brief list of recent references. February 1933. Supply exhausted.

No. 44. Uses for cotton; selected references in the English language. November 1932.

No. 45. State measures for the relief of agricultural indebtedness in the United States, 1932 and 1933. March 1933.

No. 46. Group and chain farming in the United States, January 1930-March 1933; with some references to group farming in foreign countries. March 1933. (Superseded by No. 69)

No. 47. Farm mortgages in the United States; selected references... January 1928-April 1933. May 1933.

No. 48. Price analysis; selected references on supply and demand curves and related subjects, January 1928-June 1933. September 1933.

No. 49. Rumania; a guide to official statistics of agriculture, population and food supply. October 1933.

No. 50. Agricultural relief; a selected and annotated bibliography. August 1933.

No. 51. Business and agriculture, 1920-1933; a partial bibliography of material on the interdependence of business and agriculture. November 1933.

No. 52. The American farm problem. April 1934.

No. 53. State measures for the relief of agricultural indebtedness in the United States, 1933 and 1934. June 1934.

No. 54. Measures of major importance enacted by the 73d Congress, March 9 to June 16, 1933 and January 3 to June 18, 1934. November 1934.

No. 55. List of periodicals containing prices and other statistical and economic information on fruits, vegetables and nuts. January 1935.

No. 56. Consumption of fruits and vegetables in the United States. An index to some sources of statistics. January 1935.

No. 57. Economic development of the cotton-textile industry in the United States, 1910-1935. September 1935.

No. 58. Price studies of the U.S. Department of Agriculture showing demand-price, supply-price, and price-production relationships. October 1935.

No. 59. Farm tenancy in the United States, 1925-1935; a beginning of a bibliography. November 1935. (Superseded by No. 70)

No. 60. Valuation of real estate, with special reference to farm real estate. December 1935. (Supersedes No. 29)

No. 61. Financing American cotton production and marketing in the United States. November 1935.

No. 62. Livestock financing in the United States; selected references to material published 1915-1935. December 1935. (Supersedes No. 7)

No. 63. Government control of cotton production in the United States, 1933-1935. A selected list of references. January 1936.

No. 64. Agricultural labor in the United States, 1915-1935; a selected list of references. December 1935. (Supplemented by No. 72)

No. 65. Farm youth in the United States; a selected list of references to literature issued since October 1926. June 1936. (Supplements No. 17)

No. 66. Measures of major importance enacted by the 74th Congress, January 3 to August 26, 1935 and January 3 to June 20, 1936. July 1936.

No. 67. Crop and livestock insurance; a selected list of references to literature issued since 1898. November 1936.

No. 68. Incidence of the processing taxes under the Agricultural Adjustment Act; a selected list of references. January 1937.

- No. 69. Large scale and corporation farming; a selected list of references. April 1937. (Supplements No. 30; supersedes No. 46)
- No. 70. Farm tenancy in the United States, 1918-1936; a selected list of references. June 1937. (Supersedes No. 59)
- No. 71. List of periodicals containing prices and other statistical and economic information on dairy products. October 1937.
- No. 72. Agricultural labor in the United States; a selected list of references. March 1938. (Supplements No. 64)
- No. 73. Income; selected references on the concept of income and methods of obtaining income statistics. May 1938.
- No. 74. The soybean industry; a selected list of references on the economic aspects of the industry in the United States, 1900-1938. October 1938.
- No. 75. The tobacco industry; a selected list of references on the economic aspects of the industry, 1932-date. September 1938.
- No. 76. Agricultural relief measures relating to the raising of farm prices - 75th Congress, January 5, 1937 to June 16, 1938. February 1939.
- No. 77. Part-time farming in the United States; a selected list of references. February 1939.
- No. 78. Rural psychology; a partial list of references. March 1939.

